

**TITLE V BLOCK GRANT APPLICATION**  
**FORMS (1-21)**  
**STATE: MD**  
**APPLICATION YEAR: 2006**

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<b>APPLICATION FOR FEDERAL ASSISTANCE</b>		2. DATE SUBMITTED <b>7/15/2005</b>	APPLICANT IDENTIFIER
1. TYPE OF SUBMISSION:		3. DATE RECEIVED BY STATE	STATE APPLICATION IDENTIFIER <b>143148679</b>
Application <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction	Pre-application <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction	4. DATE RECEIVED BY FEDERAL AGENCY	FEDERAL IDENTIFIER <b>6 B04 MC 000297-06</b>
5. APPLICANT INFORMATION			
Legal Name: <b>Maryland Department of Health and Mental Hygiene</b>		Organizational Unit: <b>Family Health Administration/CMCH</b>	
Address (give city, county, state and zip code) <b>201 W. Preston Street</b>  <b>Baltimore, MD 21201</b> County:		Name and telephone number of the person to be contacted on matters involving this application (give area code) Name: <b>Bonnie S. Birkel, CRNP, MPH</b> Tel Number: <b>410-767-6721</b>	
6. EMPLOYER IDENTIFICATION NUMBER (EIN): <div style="display: flex; gap: 10px;"><div style="border: 1px solid black; padding: 2px 5px;">5</div><div style="border: 1px solid black; padding: 2px 5px;">2</div><div style="border: 1px solid black; padding: 2px 5px;">6</div><div style="border: 1px solid black; padding: 2px 5px;">0</div><div style="border: 1px solid black; padding: 2px 5px;">0</div><div style="border: 1px solid black; padding: 2px 5px;">2</div><div style="border: 1px solid black; padding: 2px 5px;">0</div><div style="border: 1px solid black; padding: 2px 5px;">3</div><div style="border: 1px solid black; padding: 2px 5px;">3</div></div>		7. TYPE OF APPLICANT: (Enter appropriate letter in box) <b>A</b> A. State                      H. Independent School District B. County                  I. State Controlled Institution of Higher Learning C. Municipality            J. Private University D. Township               K. Indian Tribe E. Interstate               L. Individual F. Intermunicipality      M. Profit Organization G. Special District       N. Other (Specify)	
8. TYPE OF APPLICATION: <input type="checkbox"/> New <input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Revision  If Revision, enter appropriate letter(s) in box(es) <input type="checkbox"/> <input type="checkbox"/> A. Increase Award B. Decrease Award C. Increase Duration Decrease Duration Other (specify):		9 NAME OF FEDERAL AGENCY: <b>Health Resources and Services Administration, Maternal and Child Health Bureau</b>	
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: <div style="display: flex; gap: 10px;"><div style="border: 1px solid black; padding: 2px 5px;">9</div><div style="border: 1px solid black; padding: 2px 5px;">3</div><div style="border: 1px solid black; padding: 2px 5px;">9</div><div style="border: 1px solid black; padding: 2px 5px;">9</div><div style="border: 1px solid black; padding: 2px 5px;">4</div></div> TITLE: <b>Maternal and Child Health Services Block Grant</b>		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: <b>Maryland Title V MCH Block Grant Program</b>	
12. AREAS AFFECTED BY PROJECT (cities, communities, states, etc.): <b>Entire State</b>			
13. PROPOSED PROJECT:		14. CONGRESSIONAL DISTRICTS OF:	
Start Date: <b>10/01/2005</b>	Ending Date: <b>09/30/2006</b>	a. Applicant <b>7</b>	b. Project <b>1-8</b>
15. ESTIMATED FUNDING:		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	\$ <u>12,367,885.00</u>	a. YES, THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON DATE: <b>7/13/2005</b>  b. NO <input type="checkbox"/> PROGRAM IS NOT COVERED BY E.O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
b. Applicant	\$ <u>0.00</u>		
c. State	\$ <u>9,275,914.00</u>		
d. Local	\$ <u>0.00</u>		
e. Other	\$ <u>0.00</u>		
f. Program Income	\$ <u>0.00</u>		
g. TOTAL	\$ <u>21,643,799.00</u>	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT <input type="checkbox"/> Yes. If "Yes", attach an explanation <input checked="" type="checkbox"/> No	
18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY BY THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.			
a. Typed Name of Authorized Representative <b>S. Anthony McCann</b>		b. Title <b>Secretary</b>	c. Telephone Number <b>410-767-6505</b>
d. Signature of Authorized Representative		e. Date Signed	

**FORM 2**  
**MCH BUDGET DETAILS FOR FY 2006**

[Secs. 504 (d) and 505(a)(3)(4)]

**STATE: MD**

**1. FEDERAL ALLOCATION**

(Item 15a of the Application Face Sheet [SF 424])  
Of the Federal Allocation (1 above), the amount earmarked for:

\$ 12,367,885

A.Preventive and primary care for children:

\$ 3,889,619 ( 31.45%)

B.Children with special health care needs:

\$ 3,886,445 ( 31.42%)

(If either A or B is less than 30%, a waiver request must accompany the application)[Sec. 505(a)(3)]

C.Title V administrative costs:

\$ 960,995 ( 7.77%)

(The above figure cannot be more than 10%)[Sec. 504(d)]

**2. UNOBLIGATED BALANCE** (Item 15b of SF 424)

\$ 0

**3. STATE MCH FUNDS** (Item 15c of the SF 424)

\$ 9,275,914

**4. LOCAL MCH FUNDS** (Item 15d of SF 424)

\$ 0

**5. OTHER FUNDS** (Item 15e of SF 424)

\$ 0

**6. PROGRAM INCOME** (Item 15f of SF 424)

\$ 0

**7. TOTAL STATE MATCH** (Lines 3 through 6)

(Below is your State's FY 1989 Maintenance of Effort Amount)

\$ 8,262,484

\$ 9,275,914

**8. FEDERAL-STATE TITLE V BLOCK GRANT PARTNERSHIP (SUBTOTAL)**

(Total lines 1 through 6. Same as line 15g of SF 424)

\$ 21,643,799

**9. OTHER FEDERAL FUNDS**

(Funds under the control of the person responsible for the administration of the Title V program)

a. SPRANS: \$ 349,977

b. SSDI: \$ 100,000

c. CISS: \$ 100,000

d. Abstinence Education: \$ 569,675

e. Healthy Start: \$ 0

f. EMSC: \$ 0

g. WIC: \$ 64,679,781

h. AIDS: \$ 0

i. CDC: \$ 8,224,076

j. Education: \$ 0

k. Other: \$ 0

Family Planning \$ 3,956,186

Injury \$ 1,188,131

Preventive Health BG \$ 2,299,500

Primary Care \$ 591,661

**10. OTHER FEDERAL FUNDS** (SUBTOTAL of all Funds under item 9)

\$ 82,058,987

**11. STATE MCH BUDGET TOTAL**

(Partnership subtotal + Other Federal MCH Funds subtotal)

\$ 103,702,786

**FORM NOTES FOR FORM 2**

None

**FIELD LEVEL NOTES**

None

**FORM 3**  
**STATE MCH FUNDING PROFILE**

*[Secs. 505(a) and 506(a)(1-3)]*

**STATE: MD**

	FY 2004		FY 2005		FY 2006	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
<b>1. Federal Allocation</b> (Line1, Form 2)	\$ 12,212,800	\$ 12,212,800	\$ 12,212,800	\$ 0	\$ 12,367,885	\$ 0
<b>2. Unobligated Balance</b> (Line2, Form 2)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>3. State Funds</b> (Line3, Form 2)	\$ 9,159,600	\$ 9,159,600	\$ 9,159,600	\$ 0	\$ 9,275,914	\$ 0
<b>4. Local MCH Funds</b> (Line4, Form 2)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>5. Other Funds</b> (Line5, Form 2)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>6. Program Income</b> (Line6, Form 2)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>7. Subtotal</b> (Line8, Form 2)	\$ 21,372,400	\$ 21,372,400	\$ 21,372,400	\$ 0	\$ 21,643,799	\$ 0
(THE FEDERAL-STATE TITLE BLOCK GRANT PARTNERSHIP)						
<b>8. Other Federal Funds</b> (Line10, Form 2)	\$ 68,606,262	\$ 68,606,262	\$ 71,508,024	\$ 0	\$ 82,058,987	\$ 0
<b>9. Total</b> (Line11, Form 2)	\$ 89,978,662	\$ 89,978,662	\$ 92,880,424	\$ 0	\$ 103,702,786	\$ 0
(STATE MCH BUDGET TOTAL)						

**FORM 3**  
**STATE MCH FUNDING PROFILE**

*[Secs. 505(a) and 506(a)(1-3)]*

**STATE: MD**

	FY 2001		FY 2002		FY 2003	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
<b>1. Federal Allocation</b> (Line1, Form 2)	\$ 12,168,163	\$ 9,065,303	\$ 12,087,071	\$ 12,087,071	\$ 12,232,141	\$ 12,232,141
<b>2. Unobligated Balance</b> (Line2, Form 2)	\$ 0	\$ 3,021,768	\$ 0	\$ 0	\$ 0	\$ 0
<b>3. State Funds</b> (Line3, Form 2)	\$ 9,126,123	\$ 9,065,303	\$ 9,065,304	\$ 9,065,304	\$ 9,174,106	\$ 9,174,106
<b>4. Local MCH Funds</b> (Line4, Form 2)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>5. Other Funds</b> (Line5, Form 2)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>6. Program Income</b> (Line6, Form 2)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>7. Subtotal</b> (Line8, Form 2)	\$ 21,294,286	\$ 21,152,374	\$ 21,152,375	\$ 21,152,375	\$ 21,406,247	\$ 21,406,247
(THE FEDERAL-STATE TITLE BLOCK GRANT PARTNERSHIP)						
<b>8. Other Federal Funds</b> (Line10, Form 2)	\$ 80,461,785	\$ 88,850,031	\$ 76,048,017	\$ 76,048,017	\$ 65,560,960	\$ 65,560,960
<b>9. Total</b> (Line11, Form 2)	\$ 101,756,071	\$ 110,002,405	\$ 97,200,392	\$ 97,200,392	\$ 86,967,207	\$ 86,967,207
(STATE MCH BUDGET TOTAL)						

<b>FORM NOTES FOR FORM 3</b>
None
<b>FIELD LEVEL NOTES</b>
None

**FORM 4**

**BUDGET DETAILS BY TYPES OF INDIVIDUALS SERVED (I) AND SOURCES OF OTHER FEDERAL FUNDS (II)**

[Secs 506(2)(2)(iv)]

**STATE: MD**

	FY 2004		FY 2005		FY 2006	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
<b>I. Federal-State MCH Block Grant Partnership</b>						
a. Pregnant Women	\$ 3,357,700	\$ 3,357,700	\$ 4,025,872	\$ 0	\$ 4,021,441	\$ 0
b. Infants < 1 year old	\$ 2,083,045	\$ 2,083,045	\$ 2,369,404	\$ 0	\$ 2,362,505	\$ 0
c. Children 1 to 22 years old	\$ 11,187,782	\$ 11,187,782	\$ 8,144,054	\$ 0	\$ 8,018,167	\$ 0
d. Children with Special Healthcare Needs	\$ 4,126,699	\$ 4,126,699	\$ 5,285,211	\$ 0	\$ 5,554,945	\$ 0
e. Others	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
f. Administration	\$ 617,174	\$ 617,174	\$ 1,547,859	\$ 0	\$ 1,686,741	\$ 0
g. SUBTOTAL	\$ 21,372,400	\$ 21,372,400	\$ 21,372,400	\$ 0	\$ 21,643,799	\$ 0
<b>II. Other Federal Funds (under the control of the person responsible for administration of the Title V program).</b>						
a. SPRANS	\$ 250,411		\$ 359,565		\$ 349,977	
b. SSDI	\$ 100,000		\$ 100,000		\$ 100,000	
c. CISS	\$ 0		\$ 0		\$ 100,000	
d. Abstinence Education	\$ 523,806		\$ 535,590		\$ 569,675	
e. Healthy Start	\$ 0		\$ 0		\$ 0	
f. EMSC	\$ 0		\$ 0		\$ 0	
g. WIC	\$ 53,038,144		\$ 56,001,230		\$ 64,679,781	
h. AIDS	\$ 0		\$ 0		\$ 0	
i. CDC	\$ 7,342,080		\$ 6,888,317		\$ 8,224,076	
j. Education	\$ 0		\$ 0		\$ 0	
k. Other						
Family Planning	\$ 3,512,485		\$ 3,510,017		\$ 3,956,186	
Injury	\$ 240,125		\$ 381,603		\$ 1,188,131	
Preventive Health BG	\$ 0		\$ 0		\$ 2,299,500	
Primary Care	\$ 445,567		\$ 0		\$ 591,661	
Preventive Hlth BG	\$ 3,153,644		\$ 3,226,326		\$ 0	
Primary Care	\$ 0		\$ 505,376		\$ 0	
<b>III. SUBTOTAL</b>	\$ 68,606,262		\$ 71,508,024		\$ 82,058,987	



**FORM 4**

**BUDGET DETAILS BY TYPES OF INDIVIDUALS SERVED (I) AND SOURCES OF OTHER FEDERAL FUNDS (II)**

[Secs 506(2)(2)(iv)]

**STATE: MD**

	FY 2001		FY 2002		FY 2003	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
<b>I. Federal-State MCH Block Grant Partnership</b>						
a. Pregnant Women	\$ 3,199,991	\$ 3,707,414	\$ 3,256,798	\$ 3,256,798	\$ 3,743,823	\$ 3,743,823
b. Infants < 1 year old	\$ 3,243,843	\$ 3,013,910	\$ 3,581,453	\$ 3,581,453	\$ 3,469,291	\$ 3,469,291
c. Children 1 to 22 years old	\$ 8,209,319	\$ 10,042,724	\$ 9,148,755	\$ 9,148,755	\$ 9,325,820	\$ 9,325,820
d. Children with Special Healthcare Needs	\$ 5,408,856	\$ 3,877,146	\$ 4,795,774	\$ 4,795,774	\$ 4,330,829	\$ 4,330,829
e. Others	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
f. Administration	\$ 1,232,277	\$ 511,180	\$ 369,595	\$ 369,595	\$ 536,484	\$ 536,484
g. SUBTOTAL	\$ 21,294,286	\$ 21,152,374	\$ 21,152,375	\$ 21,152,375	\$ 21,406,247	\$ 21,406,247
<b>II. Other Federal Funds (under the control of the person responsible for administration of the Title V program).</b>						
a. SPRANS	\$ 50,831		\$ 82,406		\$ 99,960	
b. SSDI	\$ 94,929		\$ 100,000		\$ 100,000	
c. CISS	\$ 0		\$ 0		\$ 0	
d. Abstinence Education	\$ 525,512		\$ 535,712		\$ 526,242	
e. Healthy Start	\$ 0		\$ 0		\$ 0	
f. EMSC	\$ 0		\$ 0		\$ 0	
g. WIC	\$ 51,990,169		\$ 51,023,639		\$ 51,103,433	
h. AIDS	\$ 542,329		\$ 1,008,413		\$ 0	
i. CDC	\$ 15,984,561		\$ 15,013,666		\$ 6,389,931	
j. Education	\$ 0		\$ 0		\$ 0	
k. Other						
FAMILY PLANNING	\$ 0		\$ 0		\$ 3,198,689	
INJURY	\$ 0		\$ 0		\$ 449,929	
PHHS	\$ 0		\$ 0		\$ 3,290,022	
PRIMARY CARE	\$ 0		\$ 0		\$ 402,754	
Injury/Immunizations	\$ 0		\$ 5,200,746		\$ 0	
Title X	\$ 2,956,710		\$ 3,083,435		\$ 0	
Injury, Immunizations	\$ 8,316,744		\$ 0		\$ 0	
<b>III. SUBTOTAL</b>	\$ 80,461,785		\$ 76,048,017		\$ 65,560,960	

<b>FORM NOTES FOR FORM 4</b>
None
<b>FIELD LEVEL NOTES</b>
None

**FORM 5**  
**STATE TITLE V PROGRAM BUDGET AND EXPENDITURES BY TYPES OF SERVICES**

[Secs. 505(a)(2)(A-B) and 506(a)(1)(A-D)]

**STATE: MD**

TYPE OF SERVICE	FY 2004		FY 2005		FY 2006	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
<b>I. Direct Health Care Services</b> (Basic Health Services and Health Services for CSHCN.)	\$ 2,240,231	\$ 2,240,231	\$ 2,085,954	\$ 0	\$ 2,114,340	\$ 0
<b>II. Enabling Services</b> (Transportation, Translation, Outreach, Respite Care, Health Education, Family Support Services, Purchase of Health Insurance, Case Management, and Coordination with Medicaid, WIC, and Education.)	\$ 8,883,965	\$ 8,883,965	\$ 7,927,443	\$ 0	\$ 7,883,545	\$ 0
<b>III. Population-Based Services</b> (Newborn Screening, Lead Screening, Immunization, Sudden Infant Death Syndrome Counseling, Oral Health, Injury Prevention, Nutrition, and Outreach/Public Education.)	\$ 3,333,194	\$ 3,333,194	\$ 2,708,803	\$ 0	\$ 2,328,263	\$ 0
<b>IV. Infrastructure Building Services</b> (Needs Assessment, Evaluation, Planning, Policy Development, Coordination, Quality Assurance, Standards Development, Monitoring, Training, Applied Research, Systems of Care, and Information Systems.)	\$ 6,915,010	\$ 6,915,010	\$ 8,650,200	\$ 0	\$ 9,317,651	\$ 0
<b>V. Federal-State Title V Block Grant Partnership Total</b> (Federal-State Partnership only. Item 15g of SF 42r. For the "Budget" columns this is the same figure that appears in Line 8, Form 2, and in the "Budgeted" columns of Line 7 Form 3. For the "Expended" columns this is the same figure that appears in the "Expended" columns of Line 7, Form 3.)	\$ 21,372,400	\$ 21,372,400	\$ 21,372,400	\$ 0	\$ 21,643,799	\$ 0

**FORM 5**  
**STATE TITLE V PROGRAM BUDGET AND EXPENDITURES BY TYPES OF SERVICES**

[Secs. 505(a)(2)(A-B) and 506(a)(1)(A-D)]

**STATE: MD**

TYPE OF SERVICE	FY 2001		FY 2002		FY 2003	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
<b>I. Direct Health Care Services</b> (Basic Health Services and Health Services for CSHCN.)	\$ 2,532,347	\$ 3,752,518	\$ 1,637,288	\$ 2,898,288	\$ 4,183,036	\$ 4,183,036
<b>II. Enabling Services</b> (Transportation, Translation, Outreach, Respite Care, Health Education, Family Support Services, Purchase of Health Insurance, Case Management, and Coordination with Medicaid, WIC, and Education.)	\$ 10,350,719	\$ 10,448,955	\$ 7,850,195	\$ 7,811,195	\$ 6,308,149	\$ 6,308,149
<b>III. Population-Based Services</b> (Newborn Screening, Lead Screening, Immunization, Sudden Infant Death Syndrome Counseling, Oral Health, Injury Prevention, Nutrition, and Outreach/Public Education.)	\$ 2,059,797	\$ 998,891	\$ 3,696,052	\$ 3,446,052	\$ 3,389,427	\$ 3,389,427
<b>IV. Infrastructure Building Services</b> (Needs Assessment, Evaluation, Planning, Policy Development, Coordination, Quality Assurance, Standards Development, Monitoring, Training, Applied Research, Systems of Care, and Information Systems.)	\$ 6,351,423	\$ 5,952,010	\$ 7,968,840	\$ 6,968,840	\$ 7,525,635	\$ 7,525,635
<b>V. Federal-State Title V Block Grant Partnership Total</b> (Federal-State Partnership only. Item 15g of SF 42r. For the "Budget" columns this is the same figure that appears in Line 8, Form 2, and in the "Budgeted" columns of Line 7 Form 3. For the "Expended" columns this is the same figure that appears in the "Expended" columns of Line 7, Form 3.)	\$ 21,294,286	\$ 21,152,374	\$ 21,152,375	\$ 21,124,375	\$ 21,406,247	\$ 21,406,247

**FORM NOTES FOR FORM 5**

None

**FIELD LEVEL NOTES**

None

FORM 6						
NUMBER AND PERCENTAGE OF NEWBORNS AND OTHERS SCREENED, CASES CONFIRMED, AND TREATED						
<small>Sect. 506(a)(2)(B)(iii)</small>						
STATE: MD						
Total Births by Occurrence: <u>70,541</u>				Reporting Year: 2004		
Type of Screening Tests	(A) Receiving at least one Screen (1)		(B) No. of Presumptive Positive Screens	(C) No. Confirmed Cases (2)	(D) Needing Treatment that Received Treatment(3)	
	No.	%			No.	%
Phenylketonuria	75,739	107.4	11	3	3	100
Congenital Hypothyroidism	75,739	107.4	29	27	27	100
Galactosemia	75,739	107.4	5	3	3	100
Sickle Cell Disease	75,739	107.4	113	85	84	98.8
<b>Other Screening (Specify)</b>						
Biotinidase Deficiency	75,739	107.4	17	1	1	100
Homocystinuria	75,739	107.4	5	1	1	100
Tyrosinemia	75,739	107.4	3	0	0	
Congenital Adrenal Hyperplasia (CAH)	75,739	107.4	11	4	4	100
Maple Syrup Urine Disease (MSUD)	75,739	107.4	8	1	1	100
Hyperphenylalaninemia	75,739	107.4	11	1	1	100
Medium Chain AcylCo-A Dehydrogenase (MCAD)	75,739	107.4	2	2	2	100
<b>Screening Programs for Older Children &amp; Women (Specify Tests by name)</b>						
(1) Use occurrent births as denominator. (2) Report only those from resident births. (3) Use number of confirmed cases as denominator.						

## FORM NOTES FOR FORM 6

The newborn screening data are for calendar year (CY) 2004 to be consistent with the report to the National Newborn Screening and Genetics Resource Center. The "other" screening data are for FY 2004.

Maryland fully implemented tandem mass spectrometry for the detection of disorders of the urea cycle, fatty acid oxidation, and organic acid metabolism and began expanded newborn screening for 32 disorders in November 2003.

Pediatrix (formerly NeoGen) became licensed to do first tier newborn screening in the State in 2003. This commercial laboratory operates in competition with the State Public Health Laboratory. Although Pediatrix provided screening for only a small proportion of the hospitals in the State at the beginning of CY 2004 (5 out of 35 birthing hospitals), by the end of CY 2004 Pediatrix had contracts with 11 of 35 birthing hospitals. These include some of the larger birthing hospitals and by the end of CY 2004, Pediatrix was positioned to screen approximately a third of Maryland births. The OGCSHCN continues to work with Pediatrix as well as the State Public Health Laboratory to do the short and long term follow up for all Maryland babies with abnormal screening test results. However, there have been significant challenges to the comprehensive system of follow-up existing in Maryland following the introduction of a commercial laboratory. Despite the best efforts of all concerned, the difficulties of running a comprehensive State newborn screening program with two laboratories have proven much greater than anticipated. Meshing the 2 data systems has been much more difficult than expected.

In addition, there continue to be significant differences of opinion between Pediatrix and the OGCSHCN as to what data Pediatrix is pledged to exchange with the OGCSHCN, as to what constitutes a "Maryland baby" and in the interpretation of the relevant portions of HIPAA with regard to information exchange. Pediatrix maintains that they are only required to report babies screened as a result of a contract with a Maryland hospital, that home births have "opted out" of the Maryland system and that military facilities are on federal territory and not "in Maryland". Consequently, Maryland's newborn screening data maybe incomplete. This affects both blood spot screening and hearing screening because Maryland collects the results of hearing screening performed in the hospital before discharge on the newborn blood spot screening lab slip. This makes it very difficult for the OGCSHCN to assure that all babies are, in fact, screened. The settlement agreement is not detailed enough to settle these issues. The OGCSHCN continues to work with Pediatrix on the issues of data exchange.

## FIELD LEVEL NOTES

### 1. Section Number: Main

**Field Name:** BirthOccurrence

**Row Name:** Total Births By Occurrence

**Column Name:** Total Births By Occurrence

**Year:** 2006

**Field Note:**

Maryland screens all babies born in Maryland and the babies of many Maryland residents born in other jurisdictions, the majority of out of state Maryland resident births are born in Washington, DC Therefore the number of resident births screened is larger than the number of occurant births.

Newborn screening data are for CY2004, to be consistent with the report to the National Newborn Screening and Genetics Resource Center.

The denominator is for occurrent births in CY 2004.

### 2. Section Number: Main

**Field Name:** Phenylketonuria\_OneScreenNo

**Row Name:** Phenylketonuria

**Column Name:** Receiving at least one screen

**Year:** 2006

**Field Note:**

A considerable number of Maryland residents go into Washington, DC to deliver, yet many have newborn screens sent to Maryland. Therefore the number of resident births screened is larger than the number of occurant births.

The data are for calendar year (CY) 2004 to be consistent with the report to the National Newborn Screening and Genetics Resource Center.

### 3. Section Number: Main

**Field Name:** Congenital\_OneScreenNo

**Row Name:** Congenital

**Column Name:** Receiving at least one screen

**Year:** 2006

**Field Note:**

A considerable number of Maryland residents go into Washington, DC to deliver, yet many have newborn screens sent to Maryland. Therefore the number of resident births screened is larger than the number of occurant births.

The data are for calendar year (CY) 2004 to be consistent with the report to the National Newborn Screening and Genetics Resource Center.

### 4. Section Number: Main

**Field Name:** Galactosemia\_OneScreenNo

**Row Name:** Galactosemia

**Column Name:** Receiving at least one screen

**Year:** 2006

**Field Note:**

A considerable number of Maryland residents go into Washington, DC to deliver, yet many have newborn screens sent to Maryland. Therefore the number of resident births screened is larger than the number of occurant births.

The data are for calendar year (CY) 2004 to be consistent with the report to the National Newborn Screening and Genetics Resource Center.

### 5. Section Number: Main

**Field Name:** SickleCellDisease\_OneScreenNo

**Row Name:** SickleCellDisease

**Column Name:** Receiving at least one screen

**Year:** 2006

**Field Note:**

A considerable number of Maryland residents go into Washington, DC to deliver, yet many have newborn screens sent to Maryland. Therefore the number of resident births screened is larger than the number of occurant births.

The data are for calendar year (CY) 2004 to be consistent with the report to the National Newborn Screening and Genetics Resource Center.

### 6. Section Number: Other Screening Types

**Field Name:** Other

**Row Name:** All Rows

**Column Name:** All Columns

**Year:** 2006

**Field Note:**

Maryland does not screen for CF but will begin to do so in FY 2006. Maryland does not screen for Toxoplasmosis.

Maryland fully implemented tandem mass spectrometry for the detection of disorders of the urea cycle, fatty acid oxidation, and organic acid metabolism and began expanded newborn screening for 32 disorders in November 2003. Data on these other disorders follows but it is not possible for the computer to give the number of presumptive positives because both laboratories report only "acylcarnitine profile abnormal" and not the particular analyte(s) that were abnormal. The data on presumptive positives for the urea cycle and amino acid disorders is derived only from the specimens sent to the State laboratory results since they report individual amino acids.

Pediatrics only reports "amino acid profile abnormal. "

An additional difficulty is that in several cases after an extensive workup at the metabolic center the exact diagnosis is still unclear. It is clear that the baby has a significant disorder in the given pathway but not which disorder.

Citrullinemia---4 presumptive positives, 2 confirmed and 2 treated

Argininosuccinic aciduria--- 0 confirmed, see above.

Argininemia---1 presumptive positive, 0 confirmed

Glutaric Acidemia-Type I (GA I)---0 confirmed

3-Hydroxy-3-Methylglutaryl-CoA Lyase Deficiency (HMG CoA Lyase Deficiency)---0 confirmed

Isobutyryl-CoA Dehydrogenase Deficiency---0 confirmed

Isovaleric Acidemia (IVA)---1 confirmed and 1 treated

2-Methylbutyryl-CoA Dehydrogenase Deficiency ---0 confirmed

3-Methylcrotonyl-CoA Carboxylase Deficiency (3MCC Deficiency)---3 confirmed, 3 treated, 1 maternal 3MCC

3-Methylglutaconyl-CoA Hydratase Deficiency---0 confirmed

Methylmalonic Acidemia (MMA)---0 confirmed

Mitochondrial Acetoacetyl-CoA Thiolase Deficiency (3-Ketothiolase Deficiency)---0 confirmed

Propionic Acidemia (PA or PPA)---1 confirmed and 1 treated

Multiple Carboxylase Deficiency---0 confirmed

Carnitine/Acylcarnitine Translocase Deficiency (Translocase Deficiency)---0 confirmed )

Carnitine Palmitoyl Transferase II Deficiency (CPT II Deficiency)---0 confirmed

Long Chain 3-Hydroxyacyl-CoA Dehydrogenase Deficiency (LCHAD Deficiency)---0 confirmed

Multiple Acyl-CoA Dehydrogenase Deficiency (MADD Deficiency or Glutaric Acidemia-Type II or GA II)---0 confirmed

Short Chain Acyl-CoA Dehydrogenase Deficiency (SCAD Deficiency) ---1 confirmed and 1 treated

Short Chain 3-Hydroxyacyl-CoA Dehydrogenase Deficiency (SCHAD Deficiency)---0 confirmed

Trifunctional Protein Deficiency (TFP Deficiency)---0 confirmed

Very Long Chain Acyl-CoA Dehydrogenase Deficiency (VLCAD Deficiency)---1 confirmed and 1 treated

## 7. **Section Number:** Screening Programs for Older Children and Women

**Field Name:** OtherWomen

**Row Name:** All Rows

**Column Name:** All Columns

**Year:** 2006

**Field Note:**

Data is for FY 2004

Since we keep getting an error message on the "Other Screening Programs for Older Children and Women" because we do not provide "treatment" for some positive screening test results, like carrier screening test results and the program pays no attention to these notes and erases the data , the data has been put here in the note under that category.

AFP/ Quadruple Marker Screening was provided for 1,316 women. We do not provide follow up for AFP/Quadruple Marker screening beyond notifying the physician. The patients with abnormal AFP results are offered counseling and further work up is available at the University of Maryland. However, most OB providers prefer to handle the case themselves from this point on. We have no way of knowing the outcomes of most of these pregnancies.

Hemoglobinopathy Carrier Screening was provided to 8,342 adults and older children. The results of hemoglobinopathy screening go back to the primary care provider who submitted the sample. The hemoglobinopathy screening is primarily to identify carriers. They do not need treatment but are all offered genetic counseling. A list of places to receive counseling is provided. We have no way of tracking uptake.

Maternal PKU screening was provided to 662 women. There were no positives. We do provide long term dietary management to 305 individuals with metabolic disorders and these individuals receive blood level monitoring but we do not have a record of how many tests were provided.

These counseling services are partially subsidized by the grants we make to these programs.



**FORM 7**  
**NUMBER OF INDIVIDUALS SERVED (UNDUPLICATED) UNDER TITLE V**  
**(BY CLASS OF INDIVIDUALS AND PERCENT OF HEALTH COVERAGE)**

[Sec. 506(a)(2)(A)(i-ii)]

**STATE: MD**

Reporting Year: 2004

Types of Individuals Served	TITLE V	PRIMARY SOURCES OF COVERAGE				
	(A) Total Served	(B) Title XIX %	(C) Title XXI %	(D) Private/Other %	(E) None %	(F) Unknown %
Pregnant Women	75,739	34.0		45.0	21.0	
Infants < 1 year old	75,739	34.0		45.0	21.0	
Children 1 to 22 years old	41,167	18.0	6.0	67.0	9.0	
Children with Special Healthcare Needs	8,557	6.0	35.0	55.0	4.0	0.0
Others	9,681					100.0
TOTAL	210,883					

## FORM NOTES FOR FORM 7

None

### FIELD LEVEL NOTES

1. **Section Number:** Main  
**Field Name:** PregWomen\_TS  
**Row Name:** Pregnant Women  
**Column Name:** Title V Total Served  
**Year:** 2006  
**Field Note:**  
data to follow
2. **Section Number:** Main  
**Field Name:** Children\_0\_1\_TS  
**Row Name:** Infants <1 year of age  
**Column Name:** Title V Total Served  
**Year:** 2006  
**Field Note:**  
There were 70,541 Maryland recorded births for CY 2004. Out of state births to Maryland residents for CY 2004 are not yet available from vital statistics. The best estimate for CY 2004 resident births is 75,739 because that is the number of infants screened in the newborn screening program. The number of infants served is the number of infants screened in the newborn screening program (75,739) .
3. **Section Number:** Main  
**Field Name:** Children\_1\_22\_TS  
**Row Name:** Children 1 to 22 years of age  
**Column Name:** Title V Total Served  
**Year:** 2006  
**Field Note:**  
Data to follow
4. **Section Number:** Main  
**Field Name:** CSHCN\_TS  
**Row Name:** Children with Special Health Care Needs  
**Column Name:** Title V Total Served  
**Year:** 2006  
**Field Note:**  
This number includes only those children (CSHCN) receiving a relatively direct service from the OGCSHCN. These children received metabolic disease case management / dietary therapy, sickle cell disease case management, respite care, direct fee for service specialty care through Children's Medical Services, and IFSP case management. This does not include children receiving specialty care at the Centers of Excellence or the genetics centers and their outreach clinics. However, the specialty clinic system at the tertiary care centers, which receives a partial subsidy from the OGCSHCN, provides approximately 95,000 specialty clinic visits to approximately 45,000 children. The OGCSHCN subsidy helps support clinic infrastructure and wrap around services. The distribution of payment sources is based on payment data from the specialty care centers.
5. **Section Number:** Main  
**Field Name:** CSHCN\_XIX  
**Row Name:** Children with Special Health Care Needs  
**Column Name:** Title XIX %  
**Year:** 2006  
**Field Note:**  
This is an estimate, these children can't be teased out of Medicaid with perfect accuracy.
6. **Section Number:** Main  
**Field Name:** AllOthers\_TS  
**Row Name:** Others  
**Column Name:** Title V Total Served  
**Year:** 2006  
**Field Note:**  
In addition, approximately 9,681 non pregnant adults were provided with some service. 8,223 (FY 04) adults were provided carrier screening for sickle cell disease, 728 adults were provided Tay Sachs disease carrier screening, and 662 women were screened for high blood phenylalanine (before becoming pregnant). In addition, 68 adults with hemophilia received comprehensive center clinic visits. However, we have no data on the distribution of payment in the above patients. In addition, 7,361 persons were served by the State clinical genetics system and approximately 10,812 persons received complex genetic testing. Since the withdrawal of federal funding to MARHGN (our regional genetic network), however, we do not have the resources to collect data on the age distribution or method of payment of these patients.

**FORM 8**  
**DELIVERIES AND INFANTS SERVED BY TITLE V AND ENTITLED TO BENEFITS UNDER TITLE**  
**XIX**  
**(BY RACE AND ETHNICITY)**  
[SEC. 506(A)(2)(C-D)]  
**STATE: MD**

Reporting Year: 2004

**I. UNDUPLICATED COUNT BY RACE**

	(A) Total All Races	(B) White	(C) Black or African American	(D) American Indian or Native Alaskan	(E) Asian	(F) Native Hawaiian or Other Pacific Islander	(G) More than one race reported	(H) Other and Unknown
<b>DELIVERIES</b>								
Total Deliveries in State	74,865	43,941	24,244	180	4,343			2,157
Title V Served	74,865	43,941	24,244	180	4,343			2,157
Eligible for Title XIX	25,559	7,930	11,904	54	661	7		5,003
<b>INFANTS</b>								
Total Infants in State	73,462	43,324	24,103	146	3,089	32	2,768	
Title V Served	73,462	43,324	24,103	146	3,089	32	2,768	
Eligible for Title XIX	32,554	8,479	14,352	56	816	8		8,843

**II. UNDUPLICATED COUNT BY ETHNICITY**

				<b>HISPANIC OR LATINO (Sub-categories by country or area of origin)</b>				
	(A) Total NOT Hispanic or Latino	(B) Total Hispanic or Latino	(C) Ethnicity Not Reported	(B.1) Mexican	(B.2) Cuban	(B.3) Puerto Rican	(B.4) Central and South American	(B.5) Other and Unknown
<b>DELIVERIES</b>								
Total Deliveries in State	67,899	6,966						
Title V Served	67,899	6,966						
Eligible for Title XIX	21,557	4,002						
<b>INFANTS</b>								
Total Infants in State	68,108	5,354						
Title V Served	68,108	5,354						
Eligible for Title XIX	27,344	5,210						

## FORM NOTES FOR FORM 8

There is a discrepancy between form 8 and form 6 because Maryland screens more babies than were physically born within the State's borders. Maryland screens all babies born in Maryland and the babies of many Maryland residents born in other jurisdictions, the majority of out of state Maryland resident births are born in Washington , DC Therefore the number of resident births screened is larger than the number of occurant births.  
Newborn screening data are for CY2004, to be consistent with the report to the National Newborn Screening and Genetics Resource Center.  
The denominator is for occurrent births in CY 2004.

### FIELD LEVEL NOTES

**1. Section Number:** I. Unduplicated Count By Race

**Field Name:** DeliveriesTotal\_All

**Row Name:** Total Deliveries in State

**Column Name:** Total All Races

**Year:** 2006

**Field Note:**

This is CY 2004 to be consistent with the number of infants screened in newborn screening.

**2. Section Number:** I. Unduplicated Count By Race

**Field Name:** InfantsTotal\_All

**Row Name:** Total Infants in State

**Column Name:** Total All Races

**Year:** 2006

**Field Note:**

There is a discrepancy between form 8 and form 6 because Maryland screens more babies than were physically born within the State's borders.

Maryland screens all babies born in Maryland and the babies of many Maryland residents born in other jurisdictions, the majority of out of state Maryland resident births are born in Washington , DC Therefore the number of resident births screened is larger than the number of occurant births.

Newborn screening data are for CY2004, to be consistent with the report to the National Newborn Screening and Genetics Resource Center.

The denominator is for occurrent births in CY 2004.

**3. Section Number:** II. Unduplicated Count by Ethnicity

**Field Name:** DeliveriesTotal\_TotalNotHispanic

**Row Name:** Total Deliveries in State

**Column Name:** Total Not Hispanic or Latino

**Year:** 2006

**Field Note:**

Data is not available by country of origin

**4. Section Number:** II. Unduplicated Count by Ethnicity

**Field Name:** DeliveriesTotal\_TotalHispanic

**Row Name:** Total Deliveries in State

**Column Name:** Total Hispanic or Latino

**Year:** 2006

**Field Note:**

Data is not available by country of origin.

**5. Section Number:** II. Unduplicated Count by Ethnicity

**Field Name:** DeliveriesTitleV\_TotalHispanic

**Row Name:** Title V Served

**Column Name:** Total Hispanic or Latino

**Year:** 2006

**Field Note:**

Data is not available by country of origin.

**6. Section Number:** II. Unduplicated Count by Ethnicity

**Field Name:** DeliveriesTitleXIX\_TotalHispanic

**Row Name:** Eligible for Title XIX

**Column Name:** Total Hispanic or Latino

**Year:** 2006

**Field Note:**

Data is not available by country of origin.

**7. Section Number:** II. Unduplicated Count by Ethnicity

**Field Name:** InfantsTotal\_TotalHispanic

**Row Name:** Total Infants in State

**Column Name:** Total Hispanic or Latino

**Year:** 2006

**Field Note:**

Data is not available by country of origin.

**8. Section Number:** II. Unduplicated Count by Ethnicity

**Field Name:** InfantsTitleV\_TotalHispanic

**Row Name:** Title V Served

**Column Name:** Total Hispanic or Latino

**Year:** 2006

**Field Note:**

Data is not available by country of origin.

**9. Section Number:** II. Unduplicated Count by Ethnicity

**Field Name:** InfantsTitleXIX\_TotalHispanic

**Row Name:** Eligible for Title XIX

**Column Name:** Total Hispanic or Latino

**Year:** 2006

**Field Note:**

Data is not available by country of origin.

**FORM 9**  
**STATE MCH TOLL-FREE TELEPHONE LINE DATA FORM**  
[SECS. 505(A)(E) AND 509(A)(8)]  
**STATE: MD**

	<b>FY 2006</b>	<b>FY 2005</b>	<b>FY 2004</b>	<b>FY 2003</b>	<b>FY 2002</b>
1. State MCH Toll-Free "Hotline" Telephone Number	<u>800-456-8900</u>	<u>800-456-8900</u>	<u>800-456-8900</u>	<u>(800) 456-8900</u>	<u>(800) 456-8900</u>
2. State MCH Toll-Free "Hotline" Name	<u>MCH Hotline</u>	<u>MCH Hotline</u>	<u>MCH Hotline</u>	<u>MCH Hotline Line</u>	<u>MCH Hotline Line</u>
3. Name of Contact Person for State MCH "Hotline"	<u>Arneda Johnson</u>	<u>Arneda Johnson</u>	<u>Karen Brown</u>	<u>R. Murphey</u>	<u>R. Murphey</u>
4. Contact Person's Telephone Number	<u>410-767-8847</u>	<u>410-767-8847</u>	<u>410-767-8847</u>	<u>(410) 767-1483</u>	<u>(410) 767-1483</u>
5. Number of calls received on the State MCH "Hotline" this reporting period	<u>0</u>	<u></u>	<u>35,669</u>	<u>46,809</u>	<u>57,819</u>

**FORM 9**  
**STATE MCH TOLL-FREE TELEPHONE LINE DATA FORM (OPTIONAL)**  
[SECS. 505(A)(E) AND 509(A)(8)]  
**STATE: MD**

	<b>FY 2006</b>	<b>FY 2005</b>	<b>FY 2004</b>	<b>FY 2003</b>	<b>FY 2002</b>
1. State MCH Toll-Free "Hotline" Telephone Number	<u>(800)-638-8864</u>	<u>(800) 638-8864</u>	<u>(800) 638-8864</u>	<u></u>	<u></u>
2. State MCH Toll-Free "Hotline" Name	<u>Children's Resource Line</u>	<u>Children's Resource Line</u>	<u>Children's Resource Line</u>	<u></u>	<u></u>
3. Name of Contact Person for State MCH "Hotline"	<u>Barbara Greer</u>	<u>Barbara Greer/ Betty Smi</u>	<u>Barbara Greer/ Betty Smi</u>	<u></u>	<u></u>
4. Contact Person's Telephone Number	<u>410-767-6730</u>	<u>(410)-767-6730</u>	<u>(410)-767-6730</u>	<u></u>	<u></u>
5. Number of calls received on the State MCH "Hotline" this reporting period	<u>0</u>	<u>0</u>	<u>1,800</u>	<u>1,904</u>	<u>63,440</u>

**FORM NOTES FOR FORM 9**

None

**FIELD LEVEL NOTES**

1. **Section Number:** Main  
**Field Name:** calls\_2  
**Row Name:** Number of calls received On the State MCH Hotline This reporting period  
**Column Name:** FY  
**Year:** 2004  
**Field Note:**  
Data is for calendar year 2004.

**FORM 10**  
**TITLE V MATERNAL & CHILD HEALTH SERVICES BLOCK GRANT**  
**STATE PROFILE FOR FY 2006**  
*[SEC. 506(A)(1)]*  
**STATE: MD**

1. State MCH Administration:  
(max 2500 characters)

The Department of Health and Mental Hygiene, Family Health Administration (FHA) administers Maryland's Title V MCH Block Grant Program. The Title V Program provides leadership for maternal and child issues in Maryland, supports state and community needs assessment and planning activities, develops MCH policies and standards, and supports activities to protect, promote and improve the health of all women, children, adolescents and young adults including those with special health care needs. The Block Grant supports gap-filling direct services for the uninsured and the under-insured; enabling services, such as home visiting, care coordination and genetic counseling; population based services, such as newborn screening and lead poisoning prevention; and infrastructure building activities such as epidemiological analyses and MCH standard development. FHA also provides leadership direction for the WIC Program, the Title X Family Planning Program, the Primary Care Cooperative Agreement, Preventive Health Services, Health Promotion and Tobacco Use Prevention and Oral Health. The MCH Program continues to promote and strengthen partnerships with other state agencies, advocacy groups, parent groups, providers and community-based organizations.

Block Grant Funds

2. Federal Allocation (Line 1, Form 2)	\$ 12,367,885
3. Unobligated balance (Line 2, Form 2)	\$ 0
4. State Funds (Line 3, Form 2)	\$ 9,275,914
5. Local MCH Funds (Line 4, Form 2)	\$ 0
6. Other Funds (Line 5, Form 2)	\$ 0
7. Program Income (Line 6, Form 2)	\$ 0
<b>8. Total Federal-State Partnership (Line 8, Form 2)</b>	<b>\$ 21,643,799</b>

9. Most significant providers receiving MCH funds:

Local health departments
Tertiary care centers
Community-based organizations

10. Individuals served by the Title V Program (Col. A, Form 7)

a. Pregnant Women	75,739
b. Infants < 1 year old	75,739
c. Children 1 to 22 years old	41,167
d. CSHCN	8,557
e. Others	9,681

11. Statewide Initiatives and Partnerships:

a. Direct Medical Care and Enabling Services:  
(max 2500 characters)

Pregnant women, mothers and infants: preconception counseling (including folic acid awareness for all women and genetic counseling), direct medical and dental services, family planning services, prenatal care including referrals for mental health and substance abuse services, outreach and enrollment services for Medicaid managed care and MCHP, public health nurse home visiting, and grief counseling (FIMR/SIDS). Children and adolescents: abstinence only education, school health clinics, public health nurse home visiting, oral health services, family planning and early intervention services. CSHCN: primary and specialty services for uninsured and underinsured children, care coordination, respite care, genetic testing and follow-up, genetics clinics, and medical day care centers.

b. Population-Based Services:  
(max 2500 characters)

Pregnant, mothers and infants: newborn screening, including universal newborn hearing screening, breastfeeding promotion, hepatitis B and congenital syphilis surveillance and monitoring, and dissemination of educational materials about postpartum depression, shaken baby syndrome, lead and other MCH issues. Children and adolescents: immunizations, lead screening, asthma control, dental fluoride program (fluoride tablet/rinse), teen pregnancy prevention, health education and promotion, obesity prevention, school screenings (hearing, vision, scoliosis). CSHCN: genetics service outreach and education.

c. Infrastructure Building Services:  
(max 2500 characters)

Title V resources support state and community health assessment, evaluation of public health strategies, policy and standards development, and quality monitoring. Emphasis is on improving/enhancing MCH epidemiological fiscal and administrative capabilities to ensure accountability through monitoring of process and outcome measures. Pregnant women, mothers and infants: Maternal mortality review, Improved Pregnancy Outcome Program funds perinatal health coordinator in every jurisdiction and fetal, infant and mortality review processes; Crenshaw Perinatal Health Initiative (promotes regionalized systems of care), statewide maternal transport system, PRAMS, and chair breastfeeding and FAS task forces. Children and adolescents: early childhood systems planning, lead prevention targeting plan, asthma surveillance, medical consultations for school health, child fatality review. CSHCN: development of statewide CSHCN delivery system and statewide clinical genetics service system.

12. The primary Title V Program contact person:

Name	Bonnie S. Birkel, CRNP, MPH
Title	Director, Center for Maternal and Child Health
Address	DHMH - 201 W. Preston Street

13. The children with special health care needs (CSHCN) contact person:

Name	Susan Panny, M.D.
Title	Director, Office for Genetics and Children with Special Health Care Needs
Address	DHMH - 201 W. Preston Street

City	Baltimore
State	Maryland
Zip	21201
Phone	410-767-6721
Fax	410-333-5233
Email	birkelb@dhmh.state.md.us
Web	fha.state.md.us/mch

City	Baltimore
State	Maryland
Zip	21201
Phone	410-767-6730
Fax	410-333-5047
Email	pannys@dhmh.state.md.us
Web	fha.state.md.us/genetics



**FORM NOTES FOR FORM 10**

None

**FIELD LEVEL NOTES**

None

**FORM 11**  
**TRACKING PERFORMANCE MEASURES**  
[SECS 485 (2)(2)(B)(iii) AND 486 (A)(2)(A)(iii)]  
**STATE: MD**

**PERFORMANCE MEASURE # 01**

The percent of newborns who are screened and confirmed with condition(s) mandated by their State-sponsored newborn screening programs (e.g. phenylketonuria and hemoglobinopathies) who receive appropriate follow up as defined by their State.

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective	95	95	95	95	95
Annual Indicator	100.0	100.0	100.0	100.0	100.0
Numerator	117	125	135	154	132
Denominator	117	125	135	154	132
Is the Data Provisional or Final?				Final	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	95	95	95	95	95
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

**PERFORMANCE MEASURE # 02**

The percent of children with special health care needs age 0 to 18 years whose families partner in decision making at all levels and are satisfied with the services they receive. (CSHCN survey)

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective			65	70	70
Annual Indicator			68.1	68.1	68.1
Numerator			142,329	142,329	142,329
Denominator			209,000	209,000	209,000
Is the Data Provisional or Final?				Final	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	70	75	75	75	75
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

**PERFORMANCE MEASURE # 03**

The percent of children with special health care needs age 0 to 18 who receive coordinated, ongoing, comprehensive care within a medical home. (CSHCN Survey)

Annual Objective and Performance Data					
	2000	2001	2002	2003	2004
Annual Performance Objective			55	60	60
Annual Indicator			56.3	56.3	56.3
Numerator			117,667	117,667	117,667
Denominator			209,000	209,000	209,000
Is the Data Provisional or Final?				Final	Provisional

Annual Objective and Performance Data					
	2005	2006	2007	2008	2009
Annual Performance Objective	60	65	65	65	65
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**PERFORMANCE MEASURE # 04**

The percent of children with special health care needs age 0 to 18 whose families have adequate private and/or public insurance to pay for the services they need. (CSHCN Survey)

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective			65	70	70
Annual Indicator			67.5	67.5	67.5
Numerator			141,075	141,075	141,075
Denominator			209,000	209,000	209,000
Is the Data Provisional or Final?				Final	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	<u>70</u>	<u>75</u>	<u>75</u>	<u>75</u>	<u>75</u>
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**PERFORMANCE MEASURE # 05**

Percent of children with special health care needs age 0 to 18 whose families report the community-based service systems are organized so they can use them easily. (CSHCN Survey)

	<u>Annual Objective and Performance Data</u>				
	2000	2001	2002	2003	2004
Annual Performance Objective			70	75	75
Annual Indicator			70.6	70.6	70.6
Numerator			147,554	147,554	147,554
Denominator			209,000	209,000	209,000
Is the Data Provisional or Final?				Final	Provisional

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	75	75	80	80	80
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**PERFORMANCE MEASURE # 06**

The percentage of youth with special health care needs who received the services necessary to make transition to all aspects of adult life. (CSHCN Survey)

	<u>Annual Objective and Performance Data</u>				
	2000	2001	2002	2003	2004
Annual Performance Objective			5	10	10
Annual Indicator			5.8	5.8	5.8
Numerator					
Denominator					
Is the Data Provisional or Final?				Final	Provisional

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	10	10	15	15	15
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**PERFORMANCE MEASURE # 07**

Percent of 19 to 35 month olds who have received full schedule of age appropriate immunizations against Measles, Mumps, Rubella, Polio, Diphtheria, Tetanus, Pertussis, Haemophilus Influenza, and Hepatitis B.

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective	80	80	80	80	80
Annual Indicator	78.4	77.9	80.8	83.3	83.3
Numerator	165,832	167,202	178,483	184,009	184,009
Denominator	211,520	214,637	220,899	220,899	220,899
Is the Data Provisional or Final?				Provisional	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	85.1	86	86.9	87.8	90
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

**PERFORMANCE MEASURE # 08**

The rate of birth (per 1,000) for teenagers aged 15 through 17 years.

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective	27.4	26	24.6	24.6	24.6
Annual Indicator	23.3	20.9	20.2	18.2	18.2
Numerator	2,487	2,298	2,238	2,085	2,085
Denominator	106,941	110,054	110,810	114,645	114,645
Is the Data Provisional or Final?				Final	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	17.9	17.4	16.9	16.4	15.9
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

**PERFORMANCE MEASURE # 09**

Percent of third grade children who have received protective sealants on at least one permanent molar tooth.

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective	30	30	30	30	30
Annual Indicator	23.7	23.7	23.7	23.7	23.7
Numerator	17,703	17,703	17,703	17,703	17,703
Denominator	74,696	74,696	74,696	74,696	74,696
Is the Data Provisional or Final?				Provisional	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	30	30	30	30	30
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**PERFORMANCE MEASURE # 10**

The rate of deaths to children aged 14 years and younger caused by motor vehicle crashes per 100,000 children.

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective	3.5	3.5	3.5	3.5	3.5
Annual Indicator	2.4	3.0	3.0	2.9	2.9
Numerator	26	34	35	33	33
Denominator	1,067,199	1,143,763	1,149,643	1,143,353	1,143,353
Is the Data Provisional or Final?				Final	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	2.6	2.5	2.4	2.2	2.1
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**PERFORMANCE MEASURE # 11**

Percentage of mothers who breastfeed their infants at hospital discharge.

	<u>Annual Objective and Performance Data</u>				
	2000	2001	2002	2003	2004
Annual Performance Objective	60	60	60	60	60
Annual Indicator	59.9	61.0	61.3	61.0	63.0
Numerator	38,851	37,863	37,051	36,422	38,178
Denominator	64,841	62,034	60,399	59,669	60,572
Is the Data Provisional or Final?				Final	Provisional

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	63.5	64	64.5	65	65.5
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**PERFORMANCE MEASURE # 12**

Percentage of newborns who have been screened for hearing before hospital discharge.

	<u>Annual Objective and Performance Data</u>				
	2000	2001	2002	2003	2004
Annual Performance Objective	25	80	85	90	90
Annual Indicator	21.4	78.7	62.7	93.7	91.2
Numerator	14,769	54,210	42,997	66,297	64,793
Denominator	69,152	68,916	68,529	70,783	71,083
Is the Data Provisional or Final?				Final	Final

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	90	90	90	90	90
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**PERFORMANCE MEASURE # 13**

Percent of children without health insurance.

	<u>Annual Objective and Performance Data</u>				
	2000	2001	2002	2003	2004
Annual Performance Objective	10	10	10	10	10
Annual Indicator	7.4	9.1	10.0	9.6	9.6
Numerator	100,357	124,607	137,992	140,000	140,000
Denominator	1,356,172	1,369,311	1,379,925	1,452,879	1,452,879
Is the Data Provisional or Final?				Provisional	Provisional

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	9.5	9.4	9.3	9.2	9.1
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**PERFORMANCE MEASURE # 14**

Percent of potentially Medicaid-eligible children who have received a service paid by the Medicaid Program.

	<u>Annual Objective and Performance Data</u>				
	2000	2001	2002	2003	2004
Annual Performance Objective	85	85	85	85	85
Annual Indicator	85.2	96.3	77.3	77.3	77.3
Numerator	333,790	315,568	269,610	286,398	286,398
Denominator	391,582	327,837	348,914	370,303	370,303
Is the Data Provisional or Final?				Provisional	Provisional

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	78	78	78	78	78
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.



**PERFORMANCE MEASURE # 15**

The percent of very low birth weight infants among all live births.

	<u>Annual Objective and Performance Data</u>				
	2000	2001	2002	2003	2004
Annual Performance Objective	1.9	1.9	1.9	1.9	1.9
Annual Indicator	1.9	2.0	1.9	1.9	1.9
Numerator	1,388	1,446	1,422	1,440	1,440
Denominator	74,226	73,152	73,250	74,865	74,865
Is the Data Provisional or Final?				Final	Provisional

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	1.6	1.4	1.3	1.2	1.1
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**PERFORMANCE MEASURE # 16**

The rate (per 100,000) of suicide deaths among youths aged 15 through 19.

	<u>Annual Objective and Performance Data</u>				
	2000	2001	2002	2003	2004
Annual Performance Objective	5.2	5.2	5.2	5.2	5.2
Annual Indicator	7.3	7.4	7.1	6.2	6.2
Numerator	26	27	27	24	24
Denominator	356,119	365,153	379,052	386,908	386,908
Is the Data Provisional or Final?				Final	Provisional

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	5.9	5.7	5.6	5.4	5.3
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**PERFORMANCE MEASURE # 17**

Percent of very low birth weight infants delivered at facilities for high-risk deliveries and neonates.

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective	90	90	90	90	90
Annual Indicator	86.7	87.0	86.0	87.0	87.0
Numerator	1,018	1,080	1,033	1,080	1,080
Denominator	1,174	1,242	1,201	1,242	1,242
Is the Data Provisional or Final?				Provisional	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	87.5	88	88.5	89	89.5
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**PERFORMANCE MEASURE # 18**

Percent of infants born to pregnant women receiving prenatal care beginning in the first trimester.

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective	90	90	90	90	90
Annual Indicator	86.4	83.7	84.1	83.7	82.2
Numerator	62,421	59,789	61,603	61,834	60,235
Denominator	72,206	71,425	73,250	73,876	73,239
Is the Data Provisional or Final?				Provisional	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	83.9	84.1	84.3	84.5	85
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**STATE PERFORMANCE MEASURE # 1**

Percent of children aged 0-72 months screened for lead poisoning/exposure by blood testing

	<u>Annual Objective and Performance Data</u>				
	2000	2001	2002	2003	2004
Annual Performance Objective	15	16	17	18	19
Annual Indicator	17.4	17.9	18.2	17.5	17.5
Numerator	74,516	76,742	79,507	76,721	76,721
Denominator	427,939	427,939	436,817	437,968	437,968
Is the Data Provisional or Final?					

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	20	20	20	20	20
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**STATE PERFORMANCE MEASURE # 2**

Percent of women enrolled in the Medical Assistance Family Planning Waiver Program who used at least one service during the state fiscal year

	<u>Annual Objective and Performance Data</u>				
	2000	2001	2002	2003	2004
Annual Performance Objective				25	25
Annual Indicator			23.3	24.2	26.1
Numerator			14,624	15,961	18,096
Denominator			62,730	66,053	69,451
Is the Data Provisional or Final?				Final	Provisional

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	27	28	29	30	31
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**STATE PERFORMANCE MEASURE # 3**

Asthma mortality rate (per 1,000,000) among children aged 1 - 14

	<u>Annual Objective and Performance Data</u>				
	2000	2001	2002	2003	2004
Annual Performance Objective	4.0	4.0	4.0	4.0	4.0
Annual Indicator	4.7	3.7	2.8	4.7	4.7
Numerator	5	4	3	5	5
Denominator	1,067,199	1,070,790	1,073,389	1,069,891	1,069,891
Is the Data Provisional or Final?				Final	

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	4.7	4.7	4.7	4.7	4.7
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**STATE PERFORMANCE MEASURE # 4**

Percentage of local jurisdictions addressing the issue of respite for families of CSHCN

	<u>Annual Objective and Performance Data</u>				
	2000	2001	2002	2003	2004
Annual Performance Objective	25	50	60	75	75
Annual Indicator	25.0	62.5	66.7	70.8	66.7
Numerator	6	15	16	17	16
Denominator	24	24	24	24	24
Is the Data Provisional or Final?				Final	Provisional

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	75	75	75	75	75
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**STATE PERFORMANCE MEASURE # 5**

Percent of women who do not smoke during pregnancy.

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective	90%	90	90	90	90
Annual Indicator	90.2	91.1	91.9	92.2	92.2
Numerator	66,949	66,664	67,338	69,044	69,044
Denominator	74,226	73,152	73,250	74,865	74,865
Is the Data Provisional or Final?				Provisional	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	93	93.1	93.2	93.3	93.4
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**STATE PERFORMANCE MEASURE # 6**

Congenital syphilis rate in Maryland

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective	40	40	40	40	40
Annual Indicator	21.6	6.8	21.8	16.5	13.3
Numerator	16	5	16	12	10
Denominator	74,226	73,152	73,250	72,732	75,000
Is the Data Provisional or Final?				Final	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	13.3	13.3	13.3	13.3	13.3
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**STATE PERFORMANCE MEASURE # 7**

Percent of fetal, infant and child deaths reviewed by local teams

	<u>Annual Objective and Performance Data</u>				
	2000	2001	2002	2003	2004
Annual Performance Objective	20	20%	22%	24	27
Annual Indicator	13.3	27.1	27.1	33.3	33.3
Numerator	205	432	421	526	526
Denominator	1,541	1,592	1,556	1,581	1,581
Is the Data Provisional or Final?				Provisional	Provisional

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	35	40	45	50	55
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**STATE PERFORMANCE MEASURE # 9**

The rate of deaths to children aged 1-4 caused by sickle cell disease

	<u>Annual Objective and Performance Data</u>				
	2000	2001	2002	2003	2004
Annual Performance Objective	4	4	4	4	4
Annual Indicator	0.0	0.0	0.0	0.0	0.3
Numerator	0	0	0	0	1
Denominator	214	239	285	280	286
Is the Data Provisional or Final?				Final	Provisional

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	4	4	4	4	4
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

## FORM NOTES FOR FORM 11

Data excludes women for whom prenatal care status was unknown.

### FIELD LEVEL NOTES

1. **Section Number:** Performance Measure #1  
**Field Name:** PM01  
**Row Name:**  
**Column Name:**  
**Year:** 2002  
**Field Note:**  
Newborn screening data is reported on the Calendar Year.
2. **Section Number:** Performance Measure #1  
**Field Name:** PM01  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Newborn screening data is reported by calendar year, CY 2003, to be consistent with the reports to the National Newborn Screening and Genetics Resource Center.
3. **Section Number:** Performance Measure #1  
**Field Name:** PM01  
**Row Name:**  
**Column Name:**  
**Year:** 2004  
**Field Note:**  
Newborn screening data is reported by calendar year, CY 2004, to be consistent with the reports to the National Newborn Screening and Genetics Resource Center.

A new performance objective is not formulated. We are not sure if we can sustain our historical strength in this area because of the problems of obtaining data from the commercial laboratory. They do not report all abnormalities, only presumptive positives, and they do not report data on all babies, only those born in Maryland hospitals with whom they have a contract. For example, they will not report abnormalities, even presumptive positives on home births. While we continue to work with them to improve the situation, we are concerned that the chance for us to miss a baby or lose one between the cracks has increased.

4. **Section Number:** Performance Measure #2  
**Field Name:** PM02  
**Row Name:**  
**Column Name:**  
**Year:** 2002  
**Field Note:**  
The 2002 indicator is based on the State estimates from SLAITS.
5. **Section Number:** Performance Measure #2  
**Field Name:** PM02  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
The data reported in 2002 have pre-populated the data for 2003 for this performance measure.
6. **Section Number:** Performance Measure #2  
**Field Name:** PM02  
**Row Name:**  
**Column Name:**  
**Year:** 2004  
**Field Note:**  
The data reported in 2004 are pre-populated with the data from 2003 for this performance measure.
7. **Section Number:** Performance Measure #3  
**Field Name:** PM03  
**Row Name:**  
**Column Name:**  
**Year:** 2002  
**Field Note:**  
The 2002 indicator is based on the State estimates from SLAITS.
8. **Section Number:** Performance Measure #3  
**Field Name:** PM03  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
The data reported in 2002 have pre-populated the data for 2003 for this performance measure.
9. **Section Number:** Performance Measure #3  
**Field Name:** PM03  
**Row Name:**  
**Column Name:**  
**Year:** 2004  
**Field Note:**  
The data reported in 2004 are pre-populated with the data from 2003 for this performance measure.
10. **Section Number:** Performance Measure #4  
**Field Name:** PM04  
**Row Name:**  
**Column Name:**  
**Year:** 2002  
**Field Note:**  
The 2002 indicator is based on the State estimates from SLAITS.
11. **Section Number:** Performance Measure #4  
**Field Name:** PM04  
**Row Name:**  
**Column Name:**  
**Year:** 2003

- Field Note:**  
The data reported in 2002 have pre-populated the data for 2003 for this performance measure.
12. **Section Number:** Performance Measure #4  
**Field Name:** PM04  
**Row Name:**  
**Column Name:**  
**Year:** 2004  
**Field Note:**  
The data reported in 2004 are pre-populated with the data from 2003 for this performance measure.
13. **Section Number:** Performance Measure #5  
**Field Name:** PM05  
**Row Name:**  
**Column Name:**  
**Year:** 2002  
**Field Note:**  
The 2002 indicator is based on the State estimates from SLAITS.
14. **Section Number:** Performance Measure #5  
**Field Name:** PM05  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
The data reported in 2002 have pre-populated the data for 2003 for this performance measure.
15. **Section Number:** Performance Measure #5  
**Field Name:** PM05  
**Row Name:**  
**Column Name:**  
**Year:** 2004  
**Field Note:**  
The data reported in 2004 are pre-populated with the data from 2003 for this performance measure.
16. **Section Number:** Performance Measure #6  
**Field Name:** PM06  
**Row Name:**  
**Column Name:**  
**Year:** 2002  
**Field Note:**  
Because only one of the States (Maine) met the NCHS standards for reliability for PM 6, the 2002 indicator is the national average except for Maine which has its State value noted.
17. **Section Number:** Performance Measure #6  
**Field Name:** PM06  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
The data reported in 2002 have pre-populated the data for 2003 for this performance measure.
18. **Section Number:** Performance Measure #6  
**Field Name:** PM06  
**Row Name:**  
**Column Name:**  
**Year:** 2004  
**Field Note:**  
The data reported in 2004 are pre-populated with the data from 2003 for this performance measure.
19. **Section Number:** Performance Measure #7  
**Field Name:** PM07  
**Row Name:**  
**Column Name:**  
**Year:** 2002  
**Field Note:**  
Source: 2001 - National Immunization Survey for children ages 19-35 months, Q3/200-Q2/2001 for 4:3:1:3:3 series  
  
2002 - National Immunization Survey for children ages 19-35 months, Q3/2001-Q2/2002 for 4:3:1:3:3 series
20. **Section Number:** Performance Measure #7  
**Field Name:** PM07  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Source: Immunization percentages - National Immunization Survey for children ages 19-35 months, CY 1999-2002 - 4:3:1:3 series; Data for 2003 is provisional and based on Q3/2002-Q2/2003. Population data - Vital Statistics Population estimates. 2003 data is not yet available.
21. **Section Number:** Performance Measure #8  
**Field Name:** PM08  
**Row Name:**  
**Column Name:**  
**Year:** 2002  
**Field Note:**  
Source: Maryland Vital Statistics Administration
22. **Section Number:** Performance Measure #8  
**Field Name:** PM08  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Data for 2003 is not yet available. Data for 2002 is based on the calendar year.
23. **Section Number:** Performance Measure #9



**Field Name:** PM09

**Row Name:**

**Column Name:**

**Year:** 2002

**Field Note:**

Source: Survey of Oral Health Status of Maryland School Children conducted during the 2000-2001 school year. This survey is conducted every five years. During the interim years, it is estimated that the percentages remain the same.

**24. Section Number:** Performance Measure #9

**Field Name:** PM09

**Row Name:**

**Column Name:**

**Year:** 2003

**Field Note:**

Source: Survey of Oral Health Status of Maryland School Children conducted during the 2000-2001 school year. This survey is conducted every five years. During the interim years, it is estimated that the percentages remain the same.

**25. Section Number:** Performance Measure #9

**Field Name:** PM09

**Row Name:**

**Column Name:**

**Year:** 2004

**Field Note:**

Data for this indicated is only collected once every five years in Maryland through a survey of school aged children statewide. Updated data should be available for next year's application.

**26. Section Number:** Performance Measure #10

**Field Name:** PM10

**Row Name:**

**Column Name:**

**Year:** 2002

**Field Note:**

Source: Maryland Vital Statistics Administration

**27. Section Number:** Performance Measure #10

**Field Name:** PM10

**Row Name:**

**Column Name:**

**Year:** 2003

**Field Note:**

Data for 2003 is not yet available. Data represents calendar year. Source: Maryland Vital Statistics Report, 2002

**28. Section Number:** Performance Measure #11

**Field Name:** PM11

**Row Name:**

**Column Name:**

**Year:** 2002

**Field Note:**

Source: Maryland Newborn Screening Database. Data is for calendar years 2001 and 2002 and excludes information on 7601 women in 2001 and 10,115 women in 2002 for whom breastfeeding status was not reported.

**29. Section Number:** Performance Measure #11

**Field Name:** PM11

**Row Name:**

**Column Name:**

**Year:** 2003

**Field Note:**

This measure is calculated on the calendar year (CY 2003). The data comes from the newborn screening slips and newborn screening data is compiled on the calendar year to be consistent with the data reported to the National Newborn Screening and Genetics Resource Center. This excludes 11,864 women for whom breast feeding status was not reported.

**30. Section Number:** Performance Measure #12

**Field Name:** PM12

**Row Name:**

**Column Name:**

**Year:** 2002

**Field Note:**

There was a major compliance problem on the part of hospitals and audiologists in terms of reporting to the State. Screening was being done but the results were not being reported to the State. This was first addressed with intensive hospital visiting and improved dramatically when the blood spot newborn screening card was modified to collect the hearing screening data. CY 2002 data is much better (85.7% screened) than FY 2002 data (only 62.7% screened).

**31. Section Number:** Performance Measure #12

**Field Name:** PM12

**Row Name:**

**Column Name:**

**Year:** 2004

**Field Note:**

Newborn hearing screening data is reported by fiscal year, FY 2004.

A new performance objective is not formulated. Newborn hearing screening data is collected on the blood spot screening lab slip. We are not sure if we can sustain our historical strength in this area because of the problems of obtaining data from the commercial laboratory. They do not report data on all babies, only those born in Maryland hospitals with whom they have a contract. For example, they will not report on home births. While we continue to work with them to improve the situation, we are concerned that the chance for us to miss a baby or lose one between the cracks has increased.

**32. Section Number:** Performance Measure #13

**Field Name:** PM13

**Row Name:**

**Column Name:**

**Year:** 2002

**Field Note:**

Source: 2001 Current Population Survey, U. S. Census Bureau.

**33. Section Number:** Performance Measure #13

**Field Name:** PM13

**Row Name:**

**Column Name:****Year:** 2003**Field Note:**

Source: Maryland Health Care Commission, Health Insurance Coverage in Maryland through 2002. Based on Current Population data for 2001-2002 for children ages 0-19. Percentage applied to children ages 0-17. Data for 2003 is not available.

**34. Section Number:** Performance Measure #14**Field Name:** PM14**Row Name:****Column Name:****Year:** 2002**Field Note:**

Source: Maryland Medical Assistance Program data for federal fiscal years 2001 and 2002. Includes SCHP coverage groups and covers children under the age of 20.

**35. Section Number:** Performance Measure #14**Field Name:** PM14**Row Name:****Column Name:****Year:** 2003**Field Note:**

Source: Maryland Medical Assistance Program,. Data is for the Federal Fiscal Year.

**36. Section Number:** Performance Measure #15**Field Name:** PM15**Row Name:****Column Name:****Year:** 2002**Field Note:**

Source: Maryland Vital Statistics Administration. Data for 2002 will not be available until late Fall 2003.

**37. Section Number:** Performance Measure #15**Field Name:** PM15**Row Name:****Column Name:****Year:** 2003**Field Note:**

Data for 2003 is not yet available. Data for 2002 represents the calendar year. Source: Vital Statistics Administration

**38. Section Number:** Performance Measure #16**Field Name:** PM16**Row Name:****Column Name:****Year:** 2002**Field Note:**

Source: Maryland Vital Statistics Administration. Data is for the calendar year. Data for 2002 will not be available until Fall 2003.

**39. Section Number:** Performance Measure #16**Field Name:** PM16**Row Name:****Column Name:****Year:** 2003**Field Note:**

Data for 2003 is not yet available. Data for 2002 represents the calendar year. Source: Vital Statistics Administration

**40. Section Number:** Performance Measure #17**Field Name:** PM17**Row Name:****Column Name:****Year:** 2002**Field Note:**

Source: Maryland Vital Statistics data for calendar year 2001. Data for 2002 will not be available until Fall 2003.

**41. Section Number:** Performance Measure #17**Field Name:** PM17**Row Name:****Column Name:****Year:** 2003**Field Note:**

Source: Maryland Vital Statistics Administration. Data for 2003 is not available. Includes Maryland resident recorded events only.

**42. Section Number:** Performance Measure #18**Field Name:** PM18**Row Name:****Column Name:****Year:** 2002**Field Note:**

Source: Maryland Vital Statistics Administration. Data is for the calendar year and excludes births for whom prenatal care status was unknown.

**43. Section Number:** Performance Measure #18**Field Name:** PM18**Row Name:****Column Name:****Year:** 2003**Field Note:**

Data for 2003 is not yet available. Data represents the calendar year. Excludes births for which timing of prenatal care was unknown. Source: Vital Statistics Report, 2002.

**44. Section Number:** State Performance Measure #1**Field Name:** SM1**Row Name:****Column Name:****Year:** 2002**Field Note:**

Source: Maryland Department of Environment Blood Lead Surveillance Report 2001. Data is for the calendar year. Data for 2002 will be available in late Fall 2003.

**45. Section Number:** State Performance Measure #1**Field Name:** SM1

**Row Name:**  
**Column Name:**  
**Year:** 2003

**Field Note:**

Source: 2003 Annual Surveillance Report, Maryland Childhood Lead Registry, Maryland Department of the Environment. Data for 2004 is not available.

**46. Section Number:** State Performance Measure #1

**Field Name:** SM1

**Row Name:**

**Column Name:**

**Year:** 2004

**Field Note:**

Source: Data is not available for 2004.

**47. Section Number:** State Performance Measure #2

**Field Name:** SM2

**Row Name:**

**Column Name:**

**Year:** 2002

**Field Note:**

Source: Maryland Vital Statistics Administration. Data is for Federal Fiscal Year 2002. Data for the previous years is not available.

**48. Section Number:** State Performance Measure #3

**Field Name:** SM3

**Row Name:**

**Column Name:**

**Year:** 2002

**Field Note:**

Source: Maryland Vital Statistics Administration. Data is for the calendar year.

**49. Section Number:** State Performance Measure #3

**Field Name:** SM3

**Row Name:**

**Column Name:**

**Year:** 2003

**Field Note:**

Source: Maryland Vital Statistics Report, 2002. Data for 2003 is not available.

**50. Section Number:** State Performance Measure #4

**Field Name:** SM4

**Row Name:**

**Column Name:**

**Year:** 2002

**Field Note:**

In FY 2002, 15 of 24 jurisdictions provided direct respite services and one engaged in a respite provider capacity building project. In FY 2003, 15 jurisdictions provided direct respite services and 2 began needs assessment.

**51. Section Number:** State Performance Measure #5

**Field Name:** SM5

**Row Name:**

**Column Name:**

**Year:** 2002

**Field Note:**

Source: Maryland Vital Statistics Administration. Data is for the calendar year. 2002 data will be available in Fall 2003. Maryland PRAMS data will also soon be available for monitoring this measure.

**52. Section Number:** State Performance Measure #5

**Field Name:** SM5

**Row Name:**

**Column Name:**

**Year:** 2003

**Field Note:**

Source: Maryland Vital Statistics Administration. Data for 2003 is not yet available.

**53. Section Number:** State Performance Measure #5

**Field Name:** SM5

**Row Name:**

**Column Name:**

**Year:** 2004

**Field Note:**

Source: Maryland Vital Statistics Administration. Data is not yet available for 2004.

**54. Section Number:** State Performance Measure #6

**Field Name:** SM6

**Row Name:**

**Column Name:**

**Year:** 2002

**Field Note:**

Source: Maryland Division of Sexually Transmitted Diseases. Data is for the calendar year. The number of live births for 2002 is preliminary.

**55. Section Number:** State Performance Measure #7

**Field Name:** SM7

**Row Name:**

**Column Name:**

**Year:** 2002

**Field Note:**

Source: Numerator obtained from data collected from FIMR and CFR Committees in Maryland by the Center for Maternal and Child Health. Denominator includes fetal, infant and child deaths.

**56. Section Number:** State Performance Measure #7

**Field Name:** SM7

**Row Name:**

**Column Name:**

**Year:** 2003

**Field Note:**

Source: Child Fatality Review and Fetal and Infant Mortality Review Reports for 2002. 2003 data is not yet available.

**57. Section Number:** State Performance Measure #9

**Field Name:** SM9

**Row Name:**

**Column Name:**

**Year:** 2003

**Field Note:**

This is the correct data . There were 280 children with sickle cell disease between the ages of 1 and 4 in FY 03 and none of them died. So the death rate is 0 (zero). We have been very fortunate in Maryland in being able to dramatically reduce deaths from sickle cell disease in young children. However, there was one death in FY 04, so the numerator isn't always going to be 0 and the death rate isn't always going to be 0.

**58. Section Number:** State Performance Measure #9

**Field Name:** SM9

**Row Name:**

**Column Name:**

**Year:** 2004

**Field Note:**

A new performance measure is not formulated because all deaths from sickle cell disease related causes cannot be prevented, no matter how good your program is. Infections preventable with penicillin prophylaxis or vaccines can be prevented almost entirely with a very aggressive follow up program like ours. However, infections with resistant or unusual organisms are not preventable, although they can be kept to a minimum by parent education, and by assuring that each child has regular primary and subspecialty care and that providers use standard of care protocols. In 1997, there were several deaths during an upsurge in penicillin resistant organisms. At present, we may be seeing an increase in infection by an unusual pathogen, not grown well in culture. There may be additional deaths of this type. These deaths are not due to poor performance in the program. Also, deaths from strokes can reduced, but not entirely prevented, by parent education, regular primary and subspecialty care, transcranial Doppler to identify high risk patients and transfusion protocols for at risk patients.

**FORM 12**  
**TRACKING HEALTH OUTCOME MEASURES**  
[SECS 505 (A)(2)(B)(iii) AND 506 (A)(2)(A)(iii)]  
**STATE: MD**

**OUTCOME MEASURE # 01**

The infant mortality rate per 1,000 live births.

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective	8.4	8.4	8.4	8.4	8.3
Annual Indicator	7.4	7.9	7.6	8.1	8.5
Numerator	550	581	556	610	632
Denominator	74,226	73,152	73,250	74,865	74,500
Is the Data Provisional or Final?				Final	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	8.3	8.2	8.2	8	8
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**OUTCOME MEASURE # 02**

The ratio of the black infant mortality rate to the white infant mortality rate.

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective	2.5	2.5	2.5	2.5	2.5
Annual Indicator	2.8	2.4	2.4	2.7	2.7
Numerator	13.1	13.4	12.7	14.7	14.9
Denominator	4.7	5.5	5.4	5.4	5.6
Is the Data Provisional or Final?				Final	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	2.5	2.5	2.5	2.5	2.5
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**OUTCOME MEASURE # 03**

The neonatal mortality rate per 1,000 live births.

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective	6	6	6	6	6
Annual Indicator	5.5	5.9	5.4	5.8	6.1
Numerator	407	430	399	435	452
Denominator	74,226	73,152	73,250	74,865	74,500
Is the Data Provisional or Final?				Final	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	6	6	6	6	6
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**OUTCOME MEASURE # 04**

The postneonatal mortality rate per 1,000 live births.

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective	2.3	2.3	2.3	2.3	2.3
Annual Indicator	1.9	2.1	2.1	2.3	2.4
Numerator	143	151	157	175	180
Denominator	74,226	73,152	73,250	74,865	74,500
Is the Data Provisional or Final?				Final	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	2.3	2.3	2.3	2.3	2.3
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**OUTCOME MEASURE # 05**

The perinatal mortality rate per 1,000 live births plus fetal deaths.

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective	14.1	14.1	14.1	14.1	14.1
Annual Indicator	8.8	8.1	8.3	8.2	8.2
Numerator	658	594	609	621	621
Denominator	74,884	73,152	73,250	75,502	75,502
Is the Data Provisional or Final?				Provisional	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	14.1	14.1	14.1	14.1	14.1
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**OUTCOME MEASURE # 06**

The child death rate per 100,000 children aged 1 through 14.

<u>Annual Objective and Performance Data</u>					
	2000	2001	2002	2003	2004
Annual Performance Objective	22.5	22.5	22.5	22.5	22.5
Annual Indicator	20.3	21.7	19.6	19.3	19.3
Numerator	217	232	210	206	206
Denominator	1,067,199	1,070,790	1,073,389	1,069,891	1,068,891
Is the Data Provisional or Final?				Final	Provisional

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	22.5	22.5	22.5	22.5	22.5
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**FORM NOTES FOR FORM 12**

None

**FIELD LEVEL NOTES**

None



**FORM 13**  
**CHARACTERISTICS DOCUMENTING FAMILY PARTICIPATION IN CSHCN PROGRAMS**  
**STATE: MD**

1. Family members participate on advisory committee or task forces and are offering training, mentoring, and reimbursement, when appropriate.

3

2. Financial support (financial grants, technical assistance, travel, and child care) is offered for parent activities or parent groups.

2

3. Family members are involved in the Children with Special Health Care Needs elements of the MCH Block Grant Application process.

2

4. Family members are involved in service training of CSHCN staff and providers.

3

5. Family members hired as paid staff or consultants to the State CSHCN program (a family member is hired for his or her expertise as a family member).

3

6. Family members of diverse cultures are involved in all of the above activities.

2

**Total Score:** 15

**Rating Key**

0 = Not Met

1 = Partially Met

2 = Mostly Met

3 = Completely Met

## FORM NOTES FOR FORM 13

None

### FIELD LEVEL NOTES

- 1. Section Number:** Main  
**Field Name:** Question1  
**Row Name:** #1. Family members participate on advisory committee or task forces...  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Family members are, by statute, represented on our Advisory Councils. They are reimbursed for Council related expenses- mostly travel. The Advisory Council on Hereditary and Congenital Disorders is dominated by "consumers". Over the years parents (and affected young adults) of most ethnic and racial groups have been represented. The Advisory Council for the Program to Identify Hearing Impaired Infants has one parent slot but, in practice, several other professional slots are almost always occupied by parents. Over the years parents (and affected young adults) of most ethnic and racial groups have been represented. One slot is reserved for a representative from the Maryland Association for the Deaf.
- 2. Section Number:** Main  
**Field Name:** Question2  
**Row Name:** #2. Financial support (...) is offered for parent activities or parent groups.  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Financial support is offered to parents for special activities such as attending a "professional" meeting as part of a Maryland team, attending a parent conference, and serving on the advisory committee for a special project. As stated in the note for question 1, parents on statutory advisory committees are reimbursed for travel and expenses but not paid for their time.
- 3. Section Number:** Main  
**Field Name:** Question3  
**Row Name:** #3. Family members are involved in the Children with Special Health Care Needs...  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
There are 2 parents of CSHCN on the Office for Genetics and CSHCN staff. These 2 parents of CSHCN and our colleagues at Parent's Place are intimately involved in block grant preparation. The OGCSHCN has an increasingly close working relationship with Parent's Place because we have several grants together- Medical Home Wokgroup funded by Champions for Progress and a Medical Home Learning Collaborative II sponsored NICHQ. Parents from other support groups are involved and consulted on issues specific to their special interest. The Hemophilia Foundation of Maryland and the Chesapeake- Potomac Spina Bifida Association were particularly active in the needs assessment process. The Chesapeake Sickle Cell Disease Support Group has been intimately involved in our efforts to assist adolescents with sickle cell disease with their transition to the adult care system.
- 4. Section Number:** Main  
**Field Name:** Question4  
**Row Name:** #4. Family members are involved in service training of CSHCN staff and providers.  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
The Director of the OGCSHCN, who is a physician, teaches medical and graduate students at all the medical schools in the State and at several in Washington, DC. She also teaches at university medical school affiliated teaching hospitals. This audience is mostly residents and fellows. Most lectures are co-taught with affected individuals and parents of affected individuals. Several OGCSHCN staff members give Grand Rounds at tertiary and community hospitals in this fashion and this reaches teaching hospital faculty and community health professionals and hospital staff. The Maryland Alliance of PKU Families has been involved in the production of our new video explaining newborn screening. Two parents from the CF Foundation are on the committee to develop provider (and parent) educational materials on CF newborn screening. We hope to start screening for CF in the next year.
- 5. Section Number:** Main  
**Field Name:** Question5  
**Row Name:** #5. Family members hired as paid staff or consultants to the State CSHCN program...  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Two parents of CSHCN work as professionals in the OGCSHCN. The OGCSHCN partially supports Parent's Place of Maryland through grants and pays the 6 regional parent representatives around the state who help other parents in the community and assist the OGCSHCN to assess and then meet the needs of the population. The parent representatives are an ethnically and racially diverse group.
- 6. Section Number:** Main  
**Field Name:** Question6  
**Row Name:** #6. Family members of diverse cultures are involved in all of the above activities  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Not all segments of the population can be "on board " at the same time. because of the limited number of positions. Over time, most racial and ethnic groups have been represented, however, Asian groups are under -represented on some councils and committees.

**FORM 14**  
**LIST OF MCH PRIORITY NEEDS**

*[Sec. 505(a)(5)]*

**STATE: MD FY: 2006**

Your State's 5-year Needs Assessment should identify the need for preventive and primary care services for pregnant women, mothers, and infants; preventive and primary care services for children and services for Children with Special Health Care Needs. With each year's Block Grant application, provide a list (whether or not the priority needs change) of the top maternal and child health needs in your state. Using simple sentence or phrase, list below your State's needs. Examples of such statements are: "To reduce the barriers to the delivery of care for pregnant women, " and "The infant mortality rate for minorities should be reduced."

MCHB will capture annually every State's top 7 to 10 priority needs in an information system for comparison, tracking, and reporting purposes; you must list at least 7 and no more than 10. Note that the numbers listed below are for computer tracking only and are not meant to indicate priority order. If your State wishes to report more than 10 priority needs, list additional priority needs in a note at the form level.

1. To eliminate racial and ethnic disparities in maternal and child health.
2. To promote healthy pregnancies and healthy pregnancy outcomes.
3. To promote optimal family functioning.
4. To promote healthy children.
5. To promote healthy adolescents and young adults.
6. To promote healthy nutrition and physical activity across the lifespan.
7. To improve systems of care for children with special health care needs.
8. To improve systems of care for women, children and families by strengthening the infrastructure for maternal and child health services and activities.
- 9.
- 10.

**FORM NOTES FOR FORM 14**

None

**FIELD LEVEL NOTES**

None

**FORM 15**  
**TECHNICAL ASSISTANCE(TA) REQUEST**

STATE: MD

APPLICATION YEAR: 2006

No.	Category of Technical Assistance Requested	Description of Technical Assistance Requested (max 250 characters)	Reason(s) Why Assistance Is Needed (max 250 characters)	What State, Organization or Individual Would You suggest Provide the TA (if known) (max 250 characters)
1.	<b>Other</b> If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>      N/A      </u>	Maryland is not submitting a technical assistance request at this time.	N/A	N/A
2.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>                    </u>			
3.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>                    </u>			
4.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>                    </u>			
5.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>                    </u>			
6.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>                    </u>			
7.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>                    </u>			
8.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>                    </u>			
9.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>                    </u>			
10.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the			

	measure number here: _____			
11.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: _____			
12.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: _____			

**FORM NOTES FOR FORM 15**

None

**FIELD LEVEL NOTES**

None

**FORM 16**  
**STATE PERFORMANCE AND OUTCOME MEASURE DETAIL SHEET**  
**STATE: MD**

SP # 1

**PERFORMANCE MEASURE:**

Percent of children aged 0-72 months screened for lead poisoning/exposure by blood testing

**STATUS:**

Active

**GOAL**

Increase number of children under 72 months who receive blood lead screening by blood test.

**DEFINITION**

**Numerator:**

Number of children under 72 months tested for blood lead in Maryland.

**Denominator:**

Number of children in Maryland under 72 months.

**Units:** 100 **Text:** Percent

**HEALTHY PEOPLE 2010 OBJECTIVE**

**DATA SOURCES AND DATA ISSUES**

Maryland Department of the Environment Childhood Lead Registry.

**SIGNIFICANCE**

Children with elevated blood lead levels are at increased risk for behavioral, physiologic and learning problems including, but not limited to, lethargy, diminished ability to learn, various central nervous system disorders, convulsions and even death



SP # 2

**PERFORMANCE MEASURE:**

Percent of women enrolled in the Medical Assistance Family Planning Waiver Program who used at least one service during the state fiscal year

**STATUS:**

Active

**GOAL**

To reduce the number of unintended pregnancies

**DEFINITION**

Percent of women enrolled in the Medical Assistance Family Planning Waiver Program who used at least one service during the state fiscal year.

**Numerator:**

Number of M.A. women enrolled in the Family Planning Program who use at least one service

**Denominator:**

Number of women enrolled in the Medical Assistance Family Planning Program

**Units:** 100 **Text:** 1

**HEALTHY PEOPLE 2010 OBJECTIVE**

**DATA SOURCES AND DATA ISSUES**

Maryland Medical Assistance Program

**SIGNIFICANCE**

Family planning is an important public health strategy for reducing unintended pregnancies and improving pregnancy outcomes. Improving access to and use of quality family planning services is an important goal of Maryland's MCH Program. Financial access to family planning services is offered to eligible low-income women through the Medical Assistance Program. Both the MCH and Medical Assistance Programs are working to ensure that women and families are aware of the availability of family planning services and its role in reducing unwanted pregnancies and improving birth outcomes.

SP # <u>3</u>	
PERFORMANCE MEASURE:	Asthma mortality rate (per 1,000,000) among children aged 1 - 14
STATUS:	Active
GOAL	To reduce morbidity and mortality from asthma
DEFINITION	<p><b>Numerator:</b> Number of deaths due to Asthma among children aged 1 - 14</p> <p><b>Denominator:</b> Number of children aged 1 - 14</p> <p><b>Units:</b> 1000000    <b>Text:</b> Rate per 10,000</p>
HEALTHY PEOPLE 2010 OBJECTIVE	
DATA SOURCES AND DATA ISSUES	Maryland Division of Vital Statistics reporting system.
SIGNIFICANCE	Asthma is a common chronic disorder among children and youth. Asthma is of interest to the public health community because it is a disease that may be prevented or ameliorated with appropriate intervention. This is an important measure of primary care utilization and quality of collaborative, comprehensive services.

SP # 4

**PERFORMANCE MEASURE:**

Percentage of local jurisdictions addressing the issue of respite for families of CSHCN

**STATUS:**

Active

**GOAL**

To increase access to respite services by all families of CSHCN in the State

**DEFINITION**

**Numerator:**

Number of local health departments offering respite services

**Denominator:**

Number of local health departments

**Units:** 100 **Text:** Percent

**HEALTHY PEOPLE 2010 OBJECTIVE**

**DATA SOURCES AND DATA ISSUES**

The Office for Genetics and CSHCN will supply data for this measure. Other measures to be explored include: Number of CSHCN grants to local jurisdictions Number of respite providers trained Number of families receiving respite services

**SIGNIFICANCE**

A number of needs assessments through local health departments, Infants and Toddlers programs, health providers and parent groups have identified respite care as the most important unmet service need for families of CSHCN.

SP # 5

**PERFORMANCE MEASURE:**

Percent of women who do not smoke during pregnancy.

**STATUS:**

Active

**GOAL**

To increase the percentage of women who do not smoke during pregnancy

**DEFINITION**

**Numerator:**

The numbers of women who report not smoking during pregnancy

**Denominator:**

The number of live births

**Units:** 100 **Text:** Percent

**HEALTHY PEOPLE 2010 OBJECTIVE**

**DATA SOURCES AND DATA ISSUES**

Division of Health Statistics - vital statistics. Birth certificate data in Maryland includes maternal smoking during pregnancy. A Kappa statistic analysis shows the correlation with the medical chart on smoking to be 0.7 (substantial agreement). However, smoking history on prenatal record may not be accurate reflection of true history.

**SIGNIFICANCE**

Smoking is the main known preventable cause of low birth weight and perinatal death. A smoking cessation program specifically for pregnant women would increase smoking cessation and increase acknowledgment of smoking by women during pregnancy.

SP # 6

PERFORMANCE MEASURE:

Congenital syphilis rate in Maryland

STATUS:

Active

GOAL

To reduce the rate of congenital syphilis in Maryland

DEFINITION

**Numerator:**

The number of infants born with congenital syphilis in Maryland

**Denominator:**

The number of live births in Maryland

**Units:** 100000    **Text:** Rate per 100,000

HEALTHY PEOPLE 2010 OBJECTIVE

DATA SOURCES AND DATA ISSUES

DHMH - STD Division

SIGNIFICANCE

The rate of congenital syphilis, a cause of stillbirths, birth defects, and developmental delays, in Baltimore is 10 times the national average. The rate of syphilis in Baltimore is the highest in the nation. Congenital syphilis is entirely preventable if it is diagnosed and treated early enough during pregnancy.

SP # <u>7</u>	
PERFORMANCE MEASURE:	Percent of fetal, infant and child deaths reviewed by local teams
STATUS:	Active
GOAL	To prevent fetal, infant and child deaths
DEFINITION	<p><b>Numerator:</b> Number of fetal, infant and child deaths reviewed by local teams</p> <p><b>Denominator:</b> Number of fetal, infant and child deaths in Maryland</p> <p><b>Units:</b> 100   <b>Text:</b> Percent</p>
HEALTHY PEOPLE 2010 OBJECTIVE	
DATA SOURCES AND DATA ISSUES	Maryland FIMR and CFR reporting systems
SIGNIFICANCE	Fetal, Infant and Child Death Review is a systematic, multiagency, multidisciplinary review of all unexpected deaths within a jurisdiction. This is a system that examines fatalities within the context of prevention. Detecting and preventing child abuse and neglect remain a major focus of the child fatality reviews. Fetal and Infant mortality reviews provide a community based, action oriented process that leads to improvement in the health and well being of women, infants and families.

SP # 9

**PERFORMANCE MEASURE:**

The rate of deaths to children aged 1-4 caused by sickle cell disease

**STATUS:**

Active

**GOAL**

To reduce mortality among children ages 1-4 with sickle cell disease

**DEFINITION**

The number of deaths from sickle cell disease among children in the program is calculated by: 1) reviewing all program records of children between 1 and 4 years of age in the program to list known deaths, 2) running the database of children in the program, 1 to 4 years of age, against the death tapes in the Vital Statistics Administration, 3) checking all deaths of children 1 to 4 years of age in the death tapes for which sickle cell disease is listed as the primary or contributory cause of death to look for children in the program. A death stays in the numerator until the child would have been 4 years old. The denominator is a rolling denominator including all children in the program born in the 3 years.

**Numerator:**

Number of deaths due to sickle cell disease among children between the ages of 1-4

**Denominator:**

Number of children with sickle cell disease between the ages of 1-4

**Units:** 100 **Text:** 1

**HEALTHY PEOPLE 2010 OBJECTIVE**

**DATA SOURCES AND DATA ISSUES**

CORN reports, MA files, program files, death certificates

**SIGNIFICANCE**

Sickle cell disease is a risk factor for early mortality. Identifying infants with sickle cell disease through newborn screening, entering them into a program of comprehensive care, case management and other supportive and enabling services can reduce the excess mortality in this high rate group.

**FORM NOTES FOR FORM 16**

None

**FIELD LEVEL NOTES**

None



**FORM 17**  
**HEALTH SYSTEMS CAPACITY INDICATORS**  
**FORMS FOR HSCI 01 THROUGH 04, 07 & 08 - MULTI-YEAR DATA**  
**STATE: MD**

**HEALTH SYSTEMS CAPACITY MEASURE # 01**

The rate of children hospitalized for asthma (ICD-9 Codes: 493.0 -493.9) per 10,000 children less than five years of age.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	40.4	46.5	37.2	45.0	45.0
Numerator	1,429	1,658	1,361	1,641	1,641
Denominator	353,393	356,302	365,545	364,507	364,507
Is the Data Provisional or Final?				Final	Provisional

**HEALTH SYSTEMS CAPACITY MEASURE # 02**

The percent Medicaid enrollees whose age is less than one year during the reporting year who received at least one initial periodic screen.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	82.8	88.7	89.7	90.6	85.7
Numerator	9,791	25,662	27,264	28,794	27,838
Denominator	11,830	28,941	30,397	31,778	32,491
Is the Data Provisional or Final?				Provisional	Provisional

**HEALTH SYSTEMS CAPACITY MEASURE # 03**

The percent State Childrens Health Insurance Program (SCHIP) enrollees whose age is less than one year during the reporting year who received at least one periodic screen.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	86.5	43.8	58.8	91.4	73.3
Numerator	1,113	266	320	361	211
Denominator	1,286	608	544	395	288
Is the Data Provisional or Final?				Provisional	Provisional

**HEALTH SYSTEMS CAPACITY MEASURE # 04**

The percent of women (15 through 44) with a live birth during the reporting year whose observed to expected prenatal visits are greater than or equal to 80 percent on the Kotelchuck Index.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	NaN	NaN	100.0	100.0	100.0
Numerator	0	0	1	1	1
Denominator	0	0	1	1	1
Is the Data Provisional or Final?				Provisional	Provisional

**HEALTH SYSTEMS CAPACITY MEASURE # 07**

The percent of EPSDT eligible children aged 6 through 9 years who have received any dental services during the year.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	31.6	37.2	38.2	48.0	48.7
Numerator	12,862	15,727	20,819	26,593	28,071
Denominator	40,746	42,304	54,486	55,425	57,589
Is the Data Provisional or Final?				Provisional	Provisional

**HEALTH SYSTEMS CAPACITY MEASURE # 08**

The percent of State SSI beneficiaries less than 16 years old receiving rehabilitative services from the State Children with Special Health Care Needs (CSHCN) Program.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	0.0	0.0	0.0	0.0	0.0
Numerator	5	3	0	0	0
Denominator	13,380	13,610	14,040	14,039	12,246
Is the Data Provisional or Final?				Final	Final

## FORM NOTES FOR FORM 17

None

### FIELD LEVEL NOTES

1. **Section Number:** Health Systems Capacity Indicator #01  
**Field Name:** HSC01  
**Row Name:**  
**Column Name:**  
**Year:** 2002  
**Field Note:**  
Data for 2002 is not available.
2. **Section Number:** Health Systems Capacity Indicator #01  
**Field Name:** HSC01  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Source: Discharges - Maryland Health Services Cost Review Commission Discharge Database. Population - Vital Statistics Administration. Data for 2003 is not available.
3. **Section Number:** Health Systems Capacity Indicator #02  
**Field Name:** HSC02  
**Row Name:**  
**Column Name:**  
**Year:** 2002  
**Field Note:**  
Source: Maryland Medical Assistance Program. Data is for the federal fiscal year and based on age on the last day of the fiscal year. Data was not available for 1998.
4. **Section Number:** Health Systems Capacity Indicator #02  
**Field Name:** HSC02  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Source: Maryland Medical Assistance Program. Data refers to Federal Fiscal year.
5. **Section Number:** Health Systems Capacity Indicator #03  
**Field Name:** HSC03  
**Row Name:**  
**Column Name:**  
**Year:** 2002  
**Field Note:**  
Source: Maryland Medical Assistance Program. Data is for the federal fiscal year and is based on child's age on the last day of the fiscal year. Data for 1998 was not available.
6. **Section Number:** Health Systems Capacity Indicator #03  
**Field Name:** HSC03  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Source: Maryland Medical Assistance Program. Data refers to Federal Fiscal Year.
7. **Section Number:** Health Systems Capacity Indicator #04  
**Field Name:** HSC04  
**Row Name:**  
**Column Name:**  
**Year:** 2002  
**Field Note:**  
Data from the Vital Statistics Administration was requested but was not provided because of concerns about the formula used to calculate the Kotelchuck Index. The formula defines the first trimester of pregnancy as months one through four. Months one to three is the traditional definition of the first trimester.
8. **Section Number:** Health Systems Capacity Indicator #04  
**Field Name:** HSC04  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Data from the Vital Statistics Administration was requested but was not provided because of concerns about the formula used to calculate the Kotelchuck Index. The formula defines the first trimester of pregnancy as months one through four. Months one to three is the traditional definition of the first trimester.
9. **Section Number:** Health Systems Capacity Indicator #07  
**Field Name:** HSC07  
**Row Name:**  
**Column Name:**  
**Year:** 2002  
**Field Note:**  
Source: Maryland Medical Assistance Program. Data for 1998 and 2002 were not available. Data in the 1998 column is for state fiscal year 1997. These data are for all children enrolled in fee for service Medicaid during the state fiscal year preceding implementation of the mandatory managed care program, HealthChoice. Data for calendar years 1999-2001 are for all HealthChoice children, including SCHIP, who were enrolled in any MCO for 320 days during the year. Calendar year data provided for 1999-2001.
10. **Section Number:** Health Systems Capacity Indicator #07  
**Field Name:** HSC07  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Source: Maryland Medical Assistance Program. Data is for calendar year. Data for CY 2003 is provisional and not complete.
11. **Section Number:** Health Systems Capacity Indicator #08  
**Field Name:** HSC08  
**Row Name:**  
**Column Name:**

**Year:** 2003

**Field Note:**

The program will not accept 0 as the indicator but this is correct. We do not want to have our CSHCN program pay for care for children with SSI. They should be receiving care through Medicaid.

**FORM 18**  
**HEALTH SYSTEMS CAPACITY INDICATOR #05**  
**(MEDICAID AND NON-MEDICAID COMPARISON)**  
**STATE: MD**

INDICATOR #05 <i>Comparison of health system capacity indicators for Medicaid, non-Medicaid, and all MCH populations in the State</i>	YEAR	DATA SOURCE	POPULATION		
			MEDICAID	NON-MEDICAID	ALL
a) Percent of low birth weight (< 2,500 grams)	2003	Payment source from birth certificate	<u>11.2</u>	<u>8</u>	<u>9.1</u>
b) Infant deaths per 1,000 live births	2003	Payment source from birth certificate	<u>10.1</u>	<u>6.2</u>	<u>8.1</u>
c) Percent of infants born to pregnant women receiving prenatal care beginning in the first trimester	2003	Payment source from birth certificate	<u>69</u>	<u>90.2</u>	<u>83.7</u>
d) Percent of pregnant women with adequate prenatal care (observed to expected prenatal visits is greater than or equal to 80% [Kotelchuck Index])	2003	Other	<u>0</u>	<u>0</u>	<u>0</u>

**FORM 18**  
**HEALTH SYSTEMS CAPACITY INDICATOR #06 (MEDICAID ELIGIBILITY LEVEL)**  
**STATE: MD**

INDICATOR #06 <i>The percent of poverty level for eligibility in the State's Medicaid programs for infants (0 to 1), children, Medicaid and pregnant women.</i>	YEAR	PERCENT OF POVERTY LEVEL MEDICAID (Valid range: 100-300 percent)
a) Infants (0 to 1)	2004	<u>185</u>
b) Medicaid Children (Age range <u>1</u> to <u>19</u> ) (Age range <u>  </u> to <u>  </u> ) (Age range <u>  </u> to <u>  </u> )	2004	<u>100</u> <u>  </u> <u>  </u>
c) Pregnant Women	2004	<u>185</u>

**FORM 18**  
**HEALTH SYSTEMS CAPACITY INDICATOR #06 (SCHIP ELIGIBILITY LEVEL)**  
**STATE: MD**

INDICATOR #06 <i>The percent of poverty level for eligibility in the State's SCHIP programs for infants (0 to 1), children, SCHIP and pregnant women.</i>	YEAR	PERCENT OF POVERTY LEVEL SCHIP
a) Infants (0 to 1)	2004	<u>300</u>
b) Medicaid Children (Age range <u>1</u> to <u>19</u> ) (Age range <u>  </u> to <u>  </u> ) (Age range <u>  </u> to <u>  </u> )	2004	<u>300</u> <u>  </u> <u>  </u>
c) Pregnant Women	2004	<u>250</u>

## FORM NOTES FOR FORM 18

None

### FIELD LEVEL NOTES

1. **Section Number:** Indicator 05  
**Field Name:** CareFirstTrimester  
**Row Name:** Percent of infants born to pregnant women receiving prenatal care beginning in the first trimester  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Excludes data from 6,780 births for whom Medicaid status was not determined.
2. **Section Number:** Indicator 05  
**Field Name:** AdequateCare  
**Row Name:** Percent of pregnant women with adequate prenatal care  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Data was requested from the Vital Statistics Administration for this measure but was not provided because of concerns about the formula used to calculate the Kotelchuck Index. The formula defines the first trimester of pregnancy as months one through four. Months one to three is the traditional definition of the first trimester.

**FORM 19**  
**HEALTH SYSTEMS CAPACITY INDICATOR - REPORTING AND TRACKING FORM**  
**STATE: MD**

**HEALTH SYSTEMS CAPACITY INDICATOR #09A (General MCH Data Capacity)**  
*(The Ability of the State to Assure MCH Program Access to Policy and Program Relevant Information)*

DATABASES OR SURVEYS	Does your MCH program have the ability to obtain data for program planning or policy purposes in a timely manner? (Select 1 - 3) *	Does your MCH program have Direct access to the electronic database for analysis? (Select Y/N)
<b>ANNUAL DATA LINKAGES</b>		
Annual linkage of infant birth and infant death certificates	3	Yes
Annual linkage of birth certificates and Medicaid Eligibility or Paid Claims Files	2	No
Annual linkage of birth certificates and WIC eligibility files	1	No
Annual linkage of birth certificates and newborn screening files	3	Yes
<b>REGISTRIES AND SURVEYS</b>		
Hospital discharge survey for at least 90% of in-State discharges	3	Yes
Annual birth defects surveillance system	3	Yes
Survey of recent mothers at least every two years (like PRAMS)	3	Yes

\*Where:  
1 = No, the MCH agency does not have this ability.  
2 = Yes, the MCH agency sometimes has this ability, but not on a consistent basis.  
3 = Yes, the MCH agency always has this ability.

**FORM 19**  
**HEALTH SYSTEMS CAPACITY INDICATOR - REPORTING AND TRACKING FORM**  
**STATE: MD**

DATA SOURCES	Does your state participate in the YRBS survey? (Select 1 - 3)*	Does your MCH program have direct access to the state YRBS database for analysis? (Select Y/N)
Youth Risk Behavior Survey (YRBS)	3	No
Other: Maryland Tobacco Survey	3	No
Maryland Adolescent Survey	3	No

**HEALTH SYSTEMS CAPACITY INDICATOR #09C (Data Capacity) Overweight/Obesity**  
*(The Ability of the State to Determine the Percent of Children Who are Obese or Overweight)*

Data Source	Does your state participate in this survey/data source? (Select 1 - 3)*	Does your MCH program have direct access to this electronic database for analysis? (Select Y/N)
Youth Risk Behavior Survey (YRBS)	3	No
Pediatric Nutrition Surveillance System (PedNSS)	3	No
WIC Program Data	3	No
Other: BRFSS	3	Yes

\*Where:

1 = No

2 = Yes, the State participates but the sample size is not large enough for valid statewide estimates for this age group.

3 = Yes, the State participates and the sample size is large enough for valid statewide estimates for this age group.

**Notes:**

1. HEALTH SYSTEMS CAPACITY INDICATOR #09B was formerly reported as Developmental Health Status Indicator #05.



## FORM NOTES FOR FORM 19

None

### FIELD LEVEL NOTES

1. **Section Number:** Indicator 09B  
**Field Name:** YRBSS\_09B  
**Row Name:** Youth Risk Behavior Survey (YRBS)  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Maryland will begin implementation of components of the YRBS in the spring of 2005. The Maryland Department of Education has lead responsibility for data collection and analysis.
2. **Section Number:** Indicator 09C  
**Field Name:** Other1\_09C  
**Row Name:** Other  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
The 2004 Maryland BRFSS survey asks parents questions about the height and weight of children in their households.

**FORM 20**  
**HEALTH STATUS INDICATORS #01-#05**  
**MULTI-YEAR DATA**  
**STATE: MD**

**HEALTH STATUS INDICATOR MEASURE # 01A**

The percent of live births weighing less than 2,500 grams.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	8.7	9.0	9.0	9.1	9.1
Numerator	6,429	6,605	6,623	6,825	6,825
Denominator	74,226	73,152	73,250	74,865	74,865
Is the Data Provisional or Final?				Final	Provisional

**HEALTH STATUS INDICATOR MEASURE # 01B**

The percent of live singleton births weighing less than 2,500 grams.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	6.8	7.2	7.1	7.1	7.1
Numerator	4,848	5,038	4,944	5,131	5,131
Denominator	71,542	70,389	70,107	71,990	71,990
Is the Data Provisional or Final?				Final	Provisional

**HEALTH STATUS INDICATOR MEASURE # 02A**

The percent of live births weighing less than 1,500 grams.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	1.9	2.0	1.9	1.9	1.9
Numerator	1,388	1,446	1,422	1,440	1,440
Denominator	74,226	73,152	73,250	74,865	74,865
Is the Data Provisional or Final?				Final	Provisional

**HEALTH STATUS INDICATOR MEASURE # 02B**

The percent of live singleton births weighing less than 1,500 grams.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	1.5	1.4	1.6	1.5	1.5
Numerator	1,056	1,012	1,088	1,089	1,089
Denominator	71,542	70,389	70,107	71,990	71,990
Is the Data Provisional or Final?				Final	Provisional

**HEALTH STATUS INDICATOR MEASURE # 03A**

The death rate per 100,000 due to unintentional injuries among children aged 14 years and younger.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	6.1	7.7	6.3	6.2	6.2
Numerator	69	88	73	71	71
Denominator	1,136,846	1,143,292	1,149,643	1,143,353	1,143,353
Is the Data Provisional or Final?				Final	Provisional

**HEALTH STATUS INDICATOR MEASURE # 03B**

The death rate per 100,000 for unintentional injuries among children aged 14 years and younger due to motor vehicle crashes.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	2.4	2.7	2.9	2.9	2.9
Numerator	27	31	33	33	33
Denominator	1,136,846	1,143,292	1,149,643	1,143,353	1,143,353
Is the Data Provisional or Final?				Provisional	Provisional

**HEALTH STATUS INDICATOR MEASURE # 03C**

The death rate per 100,000 from unintentional injuries due to motor vehicle crashes among youth aged 15 through 24 years.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	20.4	23.9	22.1	22.4	22.4
Numerator	137	166	159	166	166
Denominator	670,248	694,249	719,193	742,214	742,214
Is the Data Provisional or Final?				Final	Provisional

**HEALTH STATUS INDICATOR MEASURE # 04A**

The rate per 100,000 of all nonfatal injuries among children aged 14 years and younger.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	181.6	183.9	184.4	184.7	184.7
Numerator	2,064	2,103	2,120	2,112	2,112
Denominator	1,136,846	1,143,292	1,149,643	1,143,353	1,143,353
Is the Data Provisional or Final?				Final	Provisional

**HEALTH STATUS INDICATOR MEASURE # 04B**

The rate per 100,000 of nonfatal injuries due to motor vehicle crashes among children aged 14 years and younger.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	26.2	29.1	23.8	22.6	22.6
Numerator	298	333	274	258	258
Denominator	1,136,846	1,143,292	1,149,643	1,143,353	1,143,353
Is the Data Provisional or Final?				Final	Provisional

**HEALTH STATUS INDICATOR MEASURE # 04C**

The rate per 100,000 of nonfatal injuries due to motor vehicle crashes among youth aged 15 through 24 years.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	258.1	259.8	274.1	226.8	226.8
Numerator	1,730	1,804	1,971	1,683	1,683
Denominator	670,248	694,249	719,193	742,214	742,214
Is the Data Provisional or Final?				Final	Provisional

**HEALTH STATUS INDICATOR MEASURE # 05A**

The rate per 1,000 women aged 15 through 19 years with a reported case of chlamydia.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	33.2	32.9	32.8	31.5	35.4
Numerator	5,283	5,875	6,035	6,097	6,857
Denominator	159,277	178,398	184,109	193,853	193,853
Is the Data Provisional or Final?				Final	Provisional

**HEALTH STATUS INDICATOR MEASURE # 05B**

The rate per 1,000 women aged 20 through 44 years with a reported case of chlamydia.

	2000	2001	<u>Annual Indicator Data</u>		2004
			2002	2003	
Annual Indicator	6.0	6.3	7.1	7.0	8.5
Numerator	5,889	6,422	7,073	7,070	8,568
Denominator	988,888	1,011,720	1,000,541	1,005,992	1,003,376
Is the Data Provisional or Final?				Final	Provisional

## FORM NOTES FOR FORM 20

None

### FIELD LEVEL NOTES

1. **Section Number:** Health Status Indicator #01B  
**Field Name:** HSI01B  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Source: Maryland Vital Statistics Administration
2. **Section Number:** Health Status Indicator #02B  
**Field Name:** HSI02B  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Source: Maryland Vital Statistics Administration
3. **Section Number:** Health Status Indicator #03A  
**Field Name:** HSI03A  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Source: Maryland DHMH, Center for Preventive Health Services; Population data: U.S. Census; Deaths: Maryland Vital Statistics Administration
4. **Section Number:** Health Status Indicator #03B  
**Field Name:** HSI03B  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Source: DHMH Center for Preventive Health Services; Population - U.S. Census; Deaths: Maryland Vital Statistics Administration
5. **Section Number:** Health Status Indicator #03C  
**Field Name:** HSI03C  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Source: DHMH Center for Preventive Health Services; Population - U.S. Census; Deaths - Maryland Vital Statistics Administration
6. **Section Number:** Health Status Indicator #04A  
**Field Name:** HSI04A  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Source: DHMH Center for Preventive Health Services; Population - U.S. Census; Injuries - Maryland Health Services Cost Review Commission Hospital Discharge Database
7. **Section Number:** Health Status Indicator #04B  
**Field Name:** HSI04B  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Source: DHMH Center for Preventive Health Services; Population - U.S. Census, Injuries - MD HSCRC Hospital Discharge Database
8. **Section Number:** Health Status Indicator #04C  
**Field Name:** HSI04C  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Source: DHMH Center for Preventive Health Services; Population - U.S. Census, Injuries - HSCRC Hospital Discharge Database
9. **Section Number:** Health Status Indicator #05A  
**Field Name:** HSI05A  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Source: Maryland Community Health Administration, Division of Sexually Transmitted Diseases, Population data: U.S. Census
10. **Section Number:** Health Status Indicator #05B  
**Field Name:** HSI05B  
**Row Name:**  
**Column Name:**  
**Year:** 2003  
**Field Note:**  
Source: Maryland Community Health Administration, Division of Sexually Transmitted Diseases

**FORM 21**  
**HEALTH STATUS INDICATORS**  
**DEMOGRAPHIC DATA**  
**STATE: MD**

**HSI #06A - Demographics (Total Population)** *Infants and children aged 0 through 24 years enumerated by sub-populations of age group and race. (Demographics)*

For both parts A and B: Reporting Year: 2004    Is this data from a State Projection? Yes    Is this data final or provisional? Provisional

<b>CATEGORY TOTAL POPULATION BY RACE</b>	<b>Total All Races</b>	<b>White</b>	<b>Black or African American</b>	<b>American Indian or Native Alaskan</b>	<b>Asian</b>	<b>Native Hawaiian or Other Pacific Islander</b>	<b>More than one race reported</b>	<b>Other and Unknown</b>
Infants 0 to 1	73,462	43,324	24,103	146	3,089	32	2,768	
Children 1 through 4	291,235	173,333	93,847	714	12,599	190	10,552	
Children 5 through 9	369,378	223,426	117,740	1,203	15,739	200	11,070	
Children 10 through 14	409,468	248,347	134,605	1,373	15,662	215	9,266	
Children 15 through 19	386,908	239,700	122,086	1,320	16,039	255	7,508	
Children 20 through 24	355,306	217,619	112,660	1,397	17,582	305	5,743	
Children 0 through 24	1,885,757	1,145,749	605,041	6,153	80,710	1,197	46,907	0

**HSI #06B - Demographics (Total Population)** *Infants and children aged 0 through 24 years enumerated by sub-populations of age group and ethnicity. (Demographics)*

<b>CATEGORY TOTAL POPULATION BY HISPANIC ETHNICITY</b>	<b>Total NOT Hispanic or Latino</b>	<b>Total Hispanic or Latino</b>	<b>Ethnicity Not Reported</b>
Infants 0 to 1	68,108	5,354	
Children 1 through 4	270,736	20,309	
Children 5 through 9	346,654	22,724	
Children 10 through 14	388,253	21,215	
Children 15 through 19	367,978	18,930	
Children 20 through 24	330,365	24,941	
Children 0 through 24	1,772,094	113,473	0

**FORM 21**  
**HEALTH STATUS INDICATORS**  
**DEMOGRAPHIC DATA**  
**STATE: MD**

**HSI #07A - Demographics (Total live births)** *Live births to women (of all ages) enumerated by maternal age and race. (Demographics)*

For both parts A and B: Reporting Year: 2004    Is this data from a State Projection? No    Is this data final or provisional? Provisional

<b>CATEGORY TOTAL LIVE BIRTHS BY RACE</b>	<b>Total All Races</b>	<b>White</b>	<b>Black or African American</b>	<b>American Indian or Native Alaskan</b>	<b>Asian</b>	<b>Native Hawaiian or Other Pacific Islander</b>	<b>More than one race reported</b>	<b>Other and Unknown</b>
Women < 15	124	20	98	0	0	0	0	6
Women 15 through 17	2,085	801	1,184	8	12	0	0	80
Women 18 through 19	4,191	1,865	2,090	14	44	0	0	178
Women 20 through 34	54,448	32,167	17,211	130	3,292	0	0	1,648
Women 35 or older	14,017	9,080	3,657	27	994	0	0	259
Women of all ages	74,865	43,933	24,240	179	4,342	0	0	2,171

**HSI #07B - Demographics (Total live births)** *Live births to women (of all ages) enumerated by maternal age and ethnicity. (Demographics)*

<b>CATEGORY TOTAL LIVE BIRTHS BY HISPANIC ETHNICITY</b>	<b>Total NOT Hispanic or Latino</b>	<b>Total Hispanic or Latino</b>	<b>Ethnicity Not Reported</b>
Women < 15	114	10	0
Women 15 through 17	1,829	254	2
Women 18 through 19	3,713	475	3
Women 20 through 34	49,011	5,400	37
Women 35 or older	13,175	827	15
Women of all ages	67,842	6,966	57

**FORM 21**  
**HEALTH STATUS INDICATORS**  
**DEMOGRAPHIC DATA**  
**STATE: MD**

**HSI #08A - Demographics (Total deaths)** Deaths of Infants and children aged 0 through 24 years enumerated by age subgroup and race. (Demographics)

For both parts A and B: Reporting Year: 2004 Is this data from a State Projection? No Is this data final or provisional? Provisional

<b>CATEGORY TOTAL DEATHS BY RACE</b>	<b>Total All Races</b>	<b>White</b>	<b>Black or African American</b>	<b>American Indian or Native Alaskan</b>	<b>Asian</b>	<b>Native Hawaiian or Other Pacific Islander</b>	<b>More than one race reported</b>	<b>Other and Unknown</b>
Infants 0 to 1	610	236	356	0	14	0	0	4
Children 1 through 4	77	36	39	0	2	0	0	0
Children 5 through 9	50	25	24	0	1	0	0	0
Children 10 through 14	79	38	38	0	3	0	0	0
Children 15 through 19	296	144	145	0	5	0	0	2
Children 20 through 24	457	199	244	0	13	0	0	1
Children 0 through 24	1,569	678	846	0	38	0	0	7

**HSI #08B - Demographics (Total deaths)** Deaths of Infants and children aged 0 through 24 years enumerated by age subgroup and ethnicity. (Demographics)

<b>CATEGORY TOTAL DEATHS BY HISPANIC ETHNICITY</b>	<b>Total NOT Hispanic or Latino</b>	<b>Total Hispanic or Latino</b>	<b>Ethnicity Not Reported</b>
Infants 0 to 1	568	42	0
Children 1 through 4	70	7	0
Children 5 through 9	48	2	0
Children 10 through 14	75	4	0
Children 15 through 19	286	10	0
Children 20 through 24	441	16	0
Children 0 through 24	1,488	81	0



**FORM 21**  
**HEALTH STATUS INDICATORS**  
**DEMOGRAPHIC DATA**  
**STATE: MD**

**HSI #09A - Demographics (Miscellaneous Data)** *Infants and children aged 0 through 19 years in miscellaneous situations or enrolled in various State programs enumerated by race. (Demographics)*

Is this data final or provisional? Provisional

<b>CATEGORY Miscellaneous Data BY RACE</b>	<b>Total All Races</b>	<b>White</b>	<b>Black or African American</b>	<b>American Indian or Native Alaskan</b>	<b>Asian</b>	<b>Native Hawaiian or Other Pacific Islander</b>	<b>More than one race reported</b>	<b>Other and Unknown</b>	<b>Specific Reporting Year</b>
All children 0 through 19	1,530,451	928,130.0	492,381.0	4,756.0	63,128.0	892.0	41,164.0		2004
Percent in household headed by single parent	24.5	17.3	52.4	33.9	9.1	33.2	24.2	30.2	2004
Percent in TANF (Grant) families	3.5	1.7	6.8						2004
Number enrolled in Medicaid	487,081	138,325.0	263,441.0	825.0	12,898.0	131.0		71,461.0	2004
Number enrolled in SCHIP	135,059	46,244.0	59,657.0	207.0	5,166.0	41.0		23,744.0	2004
Number living in foster home care	10,309	2,148.0	8,161.0						2004
Number enrolled in food stamp program	123,305	42,872.0	77,333.0	307.0	2,793.0				2004
Number enrolled in WIC	80,270	29,616.0	43,137.0	1,217.0	2,491.0	524.0		3,285.0	2004
Rate (per 100,000) of juvenile crime arrests	245.3	245.3	245.3						2004
Percentage of high school drop-outs (grade 9 through 12)	3.9	2.8	5.7	4.1	1.4				2004

**HSI #09B - Demographics (Miscellaneous Data)** *Infants and children aged 0 through 19 years in miscellaneous situations or enrolled in various State programs enumerated by ethnicity. (Demographics)*

<b>CATEGORY Miscellaneous Data BY HISPANIC ETHNICITY</b>	<b>Total NOT Hispanic or Latino</b>	<b>Total Hispanic or Latino</b>	<b>Ethnicity Not Reported</b>	<b>Specific Reporting Year</b>
All children 0 through 19	1,437,592.0	92,859.0		2004
Percent in household headed by single parent		24.1		2004
Percent in TANF (Grant) families		5.9		2004
Number enrolled in Medicaid	345,907.0	38,795.0		2004
Number enrolled in SCHIP	111,315.0	19,377.0		2004
Number living in foster home care	10,631.0	107.0		2004
Number enrolled in food stamp program	120,480.0	2,825.0		2004
Number enrolled in WIC	64,856.0	15,414.0		2004
Rate (per 100,000) of juvenile crime arrests		245.3		2004
Percentage of high school drop-outs (grade 9 through 12)		4.1		2004

**FORM 21**  
**HEALTH STATUS INDICATORS**  
**DEMOGRAPHIC DATA**  
**STATE: MD**

**HSI #10 - Demographics (Geographic Living Area)** *Geographic living area for all resident children aged 0 through 19 years old. (Demographics)*

Reporting Year: 2004    Is this data from a State Projection? No    Is this data final or provisional? Provisional

GEOGRAPHIC LIVING AREAS	TOTAL
Living in metropolitan areas	1,270,411
Living in urban areas	1,270,411
Living in rural areas	259,850
Living in frontier areas	0
<b>Total - all children 0 through 19</b>	<b>1,530,261</b>

**Note:**

The Total will be determined by adding reported numbers for urban, rural and frontier areas.

**FORM 21**  
**HEALTH STATUS INDICATORS**  
**DEMOGRAPHIC DATA**  
**STATE: MD**

**HSI #11 - Demographics (Poverty Levels)** *Percent of the State population at various levels of the federal poverty level. (Demographics)*

Reporting Year: 2004    Is this data from a State Projection? No    Is this data final or provisional? Provisional

POVERTY LEVELS	TOTAL
Total Population	5,558,058.0
Percent Below: 50% of poverty	4.2
100% of poverty	8.5
200% of poverty	20.6

**FORM 21**  
**HEALTH STATUS INDICATORS**  
**DEMOGRAPHIC DATA**  
**STATE: MD**

**HSI #12 - Demographics (Poverty Levels)** *Percent of the State population aged 0 through 19 at various levels of the federal poverty level. (Demographics)*

Reporting Year: 2004    Is this data from a State Projection? No    Is this data final or provisional? Provisional

POVERTY LEVELS	TOTAL
Children 0 through 19 years old	1,530,261.0
Percent Below: 50% of poverty	5.3
100% of poverty	10.7
200% of poverty	25.9

## FORM NOTES FOR FORM 21

None

### FIELD LEVEL NOTES

1. **Section Number:** Indicator 09A  
**Field Name:** HSIRace\_Children  
**Row Name:** All children 0 through 19  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Population data by race/ethnicity is not available for 2004. This are 2003 population estimates.
2. **Section Number:** Indicator 09A  
**Field Name:** HSIRace\_SingleParentPercent  
**Row Name:** Percent in household headed by single parent  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Source: 2000 U.S. Census data. Annie E. Casey Foundation Census data Website. Data is for Maryland.
3. **Section Number:** Indicator 09A  
**Field Name:** HSIRace\_TANFPercent  
**Row Name:** Percent in TANF (Grant) families  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
The Maryland Department of Human Resources does not collect data on TANF enrollees by race/ethnicity. There were 53,238 Maryland children enrolled in TANF on December 2003. Estimates are derived based on the percentage of the population enrolled in Medicaid. This percentage was applied to the number enrolled in TANF in December 2003 - 53,238
4. **Section Number:** Indicator 09A  
**Field Name:** HSIRace\_MedicaidNo  
**Row Name:** Number enrolled in Medicaid  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Source: Medicaid data for SFY 2004. Represents number enrolled at any point during the fiscal year.
5. **Section Number:** Indicator 09A  
**Field Name:** HSIRace\_SCHIPNo  
**Row Name:** Number enrolled in SCHIP  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Source: Maryland Medicaid Program. Represents numbers enrolled at any point during State Fiscal Year 2004.
6. **Section Number:** Indicator 09A  
**Field Name:** HSIRace\_JuvenileCrimeRate  
**Row Name:** Rate (per 100,000) of juvenile crime arrests  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Data for 2004 by race/ethnicity is forthcoming.
7. **Section Number:** Indicator 09B  
**Field Name:** HSIEthnicity\_TANFPercent  
**Row Name:** Percent in TANF (Grant) families  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Data is not available by race/ethnicity. Estimates are derived based on the percentage of the population enrolled in Medicaid. This percentage was applied to the number enrolled in TANF in December 2003 - 53,238.
8. **Section Number:** Indicator 09B  
**Field Name:** HSIEthnicity\_JuvenileCrimeRate  
**Row Name:** Rate (per 100,000) of juvenile crime arrests  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Data is forthcoming.
9. **Section Number:** Indicator 09B  
**Field Name:** HSIEthnicity\_DropOutPercent  
**Row Name:** Percentage of high school drop-outs (grade 9 through 12)  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Data was not available for non-Hispanics as a group.
10. **Section Number:** Indicator 12  
**Field Name:** S12\_50percent  
**Row Name:** Percent Below: 50% of poverty  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Based on 2000 Census estimates.
11. **Section Number:** Indicator 12  
**Field Name:** S12\_100percent  
**Row Name:** 100% of poverty  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Based on 2000 Census estimate

12. **Section Number:** Indicator 12  
**Field Name:** S12\_200percent  
**Row Name:** 200% of poverty  
**Column Name:**  
**Year:** 2006  
**Field Note:**  
Based on 2000 Census estimate

**NEW STATE PERFORMANCE AND OUTCOME MEASURE DETAIL SHEET**  
**STATE: MD**

SP # 1

**PERFORMANCE MEASURE:**

Percent of pregnancies that are intended

**GOAL**

Reduce the percentage of unintended pregnancies

**DEFINITION**

Percent of PRAMS respondents who report that their pregnancies were intended.

**Numerator:**

Number of PRAMS respondents indicating that their pregnancy was unintended in the calendar

**Denominator:**

Number of PRAMS respondents in the calendar year

**Units:** 100   **Text:** Percent

**HEALTHY PEOPLE 2010 OBJECTIVE**

Reduce rate of unintended pregnancy to 30%

**DATA SOURCES AND DATA ISSUES**

PRAMS Survey

**SIGNIFICANCE**

Unintended pregnancies are pregnancies that are mistimed or unwanted. Unintended pregnancy is a widespread problem that can have serious consequences for both the mother and baby. Children of unintended pregnancies are more likely to born at low birth weight, to die before their first birthday, to be abused or to not receive sufficient resources for healthy development.

**OBJECTIVE**

2006	2007	2008	2009	2010
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SP # 2

**PERFORMANCE MEASURE:**

Percent of women reporting alcohol use during pregnancy

**GOAL**

Eliminate alcohol use during pregnancy

**DEFINITION**

**Numerator:**

Number of women who report using alcohol during pregnancy in the calendar year

**Denominator:**

Number of pregnant women

**Units:** 100 **Text:** Percent

**HEALTHY PEOPLE 2010 OBJECTIVE**

94% of women to abstain from alcohol use during pregnancy; 100% to abstain from binge drinking

**DATA SOURCES AND DATA ISSUES**

Maryland Vital Statistics; PRAMS Survey

**SIGNIFICANCE**

Alcohol use during pregnancy is considered to be the leading cause of preventable birth defects and retardation in the U.S. Fetal Alcohol Spectrum Disorders (FASD) encompasses the range of adverse effects that can result from alcohol exposure. The consequences of FASD are life long and can include learning disabilities, mental health problems and developmental disabilities.

**OBJECTIVE**

2006	2007	2008	2009	2010
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SP # 3

**PERFORMANCE MEASURE:**

Percent of Maryland kindergartners entering school ready to learn

**GOAL**

Increase the number of children entering school ready to learn

**DEFINITION**

**Numerator:**

Number of kindergartners successfully completing the state's measure of school readiness

**Denominator:**

Number of kindergartners tested

**Units:** 100 **Text:** Percent

**HEALTHY PEOPLE 2010 OBJECTIVE**

**DATA SOURCES AND DATA ISSUES**

Maryland Department of Education's Model for School Readiness, Work Sampling System

**SIGNIFICANCE**

Recent neuro-scientific research strongly supports the belief that young children's learning before they enter school is an essential foundation for later school success. Maryland has developed an assessment tool for measuring school readiness according to seven domains, including physical development and health.

**OBJECTIVE**

2006	2007	2008	2009	2010
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SP # 4

**PERFORMANCE MEASURE:**

Emergency Department Visit Rate for Asthma among Children aged 0-4

**GOAL**

Reduce asthma morbidity among Maryland children due to improper asthma control and management

**DEFINITION**

**Numerator:**

Number of emergency department visits in calendar year among children ages 0-4

**Denominator:**

Number of children ages 0-4

**Units:** 10000 **Text:** Rate

**HEALTHY PEOPLE 2010 OBJECTIVE**

No more than 80 visits per 10,000 population

**DATA SOURCES AND DATA ISSUES**

Maryland Asthma Surveillance System

**SIGNIFICANCE**

Asthma is a leading cause of childhood morbidity. Emergency department visit rates are highest for children aged 0-4. Many emergency visits are avoidable with appropriate preventive and therapeutic care.

**OBJECTIVE**

2006	2007	2008	2009	2010
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SP # 5

**PERFORMANCE MEASURE:**

High school graduation rate

**GOAL**

Increase the percentage of Maryland 12th graders completing high school during the school year

**DEFINITION**

**Numerator:**

Number of 12th graders who complete the twelfth grade during the school year

**Denominator:**

Number of 12th graders enrolled in public high schools

**Units:** 100   **Text:** Percent

**HEALTHY PEOPLE 2010 OBJECTIVE**

**DATA SOURCES AND DATA ISSUES**

Maryland State Department of Education Database

**SIGNIFICANCE**

Adolescents who fail to complete high school are a greater risk for a number of negative outcomes in life, many of the linked to socio-economic status. They are more likely to have lower lifetime earnings, more likely to become involved in crime, and more likely to unemployed. Lower income is also correlated with poorer health status.

**OBJECTIVE**

2006	2007	2008	2009	2010
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SP # 6

**PERFORMANCE MEASURE:**

Percentage of local jurisdictions addressing the issue of respite for families of CSHCN

**GOAL**

To increase access to respite services by all families of CSHCN in the State

**DEFINITION**

**Numerator:**

Number of local health departments offering respite services

**Denominator:**

Number of local health departments

**Units:** 100 **Text:** Percent

**HEALTHY PEOPLE 2010 OBJECTIVE**

**DATA SOURCES AND DATA ISSUES**

The Office for Genetics and CSHCN will supply data for this measure. Other measures to be explored include: Number of CSHCN grants to local jurisdictions Number of respite providers trained Number of families receiving respite services

**SIGNIFICANCE**

A number of needs assessments through local health departments, Infants and Toddlers programs, health providers and parent groups have identified respite care as the most important unmet service need for families of CSHCN.

**OBJECTIVE**

2006	2007	2008	2009	2010
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SP # 7

PERFORMANCE MEASURE:

Percent of mothers breastfeeding at six months

GOAL

Increase the percentage of Maryland mothers continuing to breastfeed at six months

DEFINITION

**Numerator:**

Number of mothers reporting continuing to breastfeed at six months postpartum

**Denominator:**

Number of mothers in the reporting period

**Units:** 100    **Text:** Percent

HEALTHY PEOPLE 2010 OBJECTIVE

Fifty percent of mothers breastfeeding at six months.

DATA SOURCES AND DATA ISSUES

Several databases will be consulted included PRAMS, the National Immunization Survey, and the Ross Survey

SIGNIFICANCE

Human milk is the most optimal form of nutrition for infants through the first six months of life according to the American Academy of Pediatrics. Breastfeeding offers numerous nutritional and health benefits for both mothers and babies.

OBJECTIVE

2006	2007	2008	2009	2010
------	------	------	------	------

SP # 8

**PERFORMANCE MEASURE:**

Percent of local jurisdictions with written plans to address racial and ethnic disparities in maternal and child health

**GOAL**

Eliminate disparities in maternal and child health

**DEFINITION**

**Numerator:**

Number of jurisdictions with plans to address disparities in maternal and child health

**Denominator:**

Number of jurisdictions in the state

**Units:** 100 **Text:** Percent

**HEALTHY PEOPLE 2010 OBJECTIVE**

Eliminate health disparities

**DATA SOURCES AND DATA ISSUES**

Center for Maternal and Child Health Data files

**SIGNIFICANCE**

Racial and ethnic minorities, particularly African Americans, suffer from higher levels of mortality and morbidity than Caucasian Americans as measured by a number of MCH indicators. This disparities often represent inequities and they must be eradicated.

**OBJECTIVE**

2006	2007	2008	2009	2010
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SP # 9

**PERFORMANCE MEASURE:**

Percent of jurisdictions that partner with medical homes to develop and to disseminate resource materials.

**GOAL**

Improve access to care for CSHCN

**DEFINITION**

**Numerator:**

Number of jurisdictions disseminating resource guides to families of CSHCN

**Denominator:**

Number of jurisdictions

**Units:** 100 **Text:** Percent

**HEALTHY PEOPLE 2010 OBJECTIVE**

**DATA SOURCES AND DATA ISSUES**

Office for Genetics and Children with Special Health Care Needs files

**SIGNIFICANCE**

This is a developmental measure which seeks to measure local ability to provide "consumer friendly" resource information to families of CSHCN. Many families of CSHCN often find it difficult to navigate the service system and could use resource information to guide them.

**OBJECTIVE**

2006	2007	2008	2009	2010
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SP # 10

**PERFORMANCE MEASURE:**  
**GOAL**  
**DEFINITION**

Number of policy or issue briefs developed by the Title V program  
To improve Title V capacity to analyze and translate data

**Numerator:**  
The Title V Program completes at least one policy brief during the fiscal year.  
**Denominator:**  
**Units:** Yes   **Text:** Text

**HEALTHY PEOPLE 2010 OBJECTIVE**

**DATA SOURCES AND DATA ISSUES**  
**SIGNIFICANCE**

Title V Program files  
This is a developmental measure has to do with improving the state's capacity to analyze data and formulate maternal and child health policy.

**OBJECTIVE**

2006	2007	2008	2009	2010
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SO # 1

**OUTCOME MEASURE:**

Adolescent and Young Adult Death Rate per 100,000 aged 15-24

**GOAL**

Reduce preventable deaths occurring to adolescents and young adults between the ages of 15 and 24 in Maryland

**DEFINITION**

**Numerator:**

Number of deaths to adolescent and young adults between the ages of 15 and 24 during the calendar year

**Denominator:**

Number of adolescents and young adults between the ages of 15 and 24 during the calendar year

**Units:** 100000 **Text:** Rate

**HEALTHY PEOPLE 2010 OBJECTIVE**

**DATA SOURCES AND DATA ISSUES**

Maryland Vital Statistics and Child Fatality Review Reports

**SIGNIFICANCE**

Many adolescent and young adult deaths result from preventable injuries and other causes.

**OBJECTIVE**

2006	2007	2008	2009	2010
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